

## Product Datasheet

### NR1H3/LXR Alpha Antibody (orb1538079)

|                            |                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | NR1H3/LXR Alpha Antibody                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species/Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>          | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tested Applications</b> | IHC, IHC-P, WB                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen</b>           | Synthetic peptide from C-Terminus of human NR1H3 (Q13133, NP_005684). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Goat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Lizard, Xenopus, Trout, Salmon, Stickleback, Zebrafish (100%). |
| <b>Target</b>              | NR1H3 / LXR Alpha                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Preservatives</b>       | PBS, 0.09% sodium azide, 2% sucrose. PBS, 0.09% sodium azide, 2% sucrose                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>       | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                                                                                                                                                                                                                                 |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                                                                                                   |

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**Application notes**

Further information: Immunohistochemistry: LS-B3526 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B3526 was determined to be 5 ug/ml. ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1 ug/ml in 5% skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

**Isotype**

IgG

**Clonality**

Polyclonal

**Dilution Range**

IHC, IHC-P (5 µg/ml), WB

**Expiration Date**

12 months from date of receipt.

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