

Product Datasheet

UBP43/USP18 Antibody (orb1535445)

Catalog Number	orb1535445
Category	Antibodies
Description	UBP43/USP18 Antibody
Target	UBP43 / USP18
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Concentration	0.93 mg/ml
Buffer/Preservatives	0.02 M Potassium Phosphate, pH 7.2, 0.15 M NaCl, 0.01% Sodium Azide
Purification	Affinity purified
Immunogen	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near aa 25-50 of human UBP43 protein.
Tested applications	ELISA, IHC-P, WB
Dilution range	ELISA (1:10000 - 1:50000), IHC-P (5 µg/ml), WB (1:500 - 1:2000)

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Application notes

Further information: Immunohistochemistry: This 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 was determined to be 5 ug/ml.

Specificity

A BLAST analysis was used to suggest reactivity with this protein from human, chimpanzee and orangutan based on 100% homology for the immunogen sequence. The core 7 amino acid sequence QPRERPR of the 10 amino acid immunogen sequence may be reactive with UBP43 from mouse and dog. This core sequence also shows partial homology with proteins other than UBP43. Cross reactivity with UBP43 homologues from other sources has not been determined.

Storage

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.

Note

For research use only

Expiration Date

12 months from date of receipt.

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