

Product Datasheet

THOC4 Rabbit Polyclonal Antibody (orb412415)

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|-----------------------------|---|
| Catalog Number | orb412415 |
| Category | Antibodies |
| Description | The THOC4 Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human THOC4 .Purification: The antibody was purified by immunogen affinity chromatography. |
| Target | ALYREF |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Conjugation | Unconjugated |
| Reactivity | Human, Mouse, Rat |
| Form/Appearance | Liquid |
| Buffer/Preservatives | 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Immunogen | Recombinant fusion protein of human THOC4 |
| UniProt ID | O08583, Q86V81 |
| Tested applications | IF, IHC, WB |
| Dilution range | WB: 1:500-2000 |
| Specificity | Recognizes endogenous levels of THOC4 protein. |

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

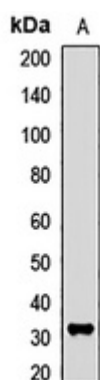
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

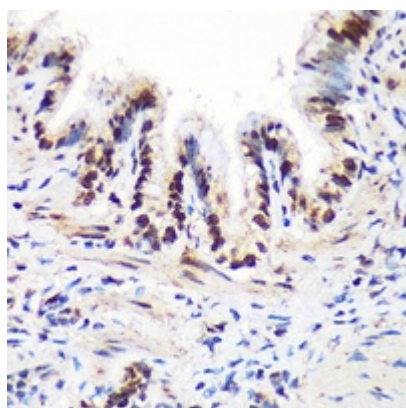
Email: info@biorbyt.com, support@biorbyt.com

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|------------------------|---|
| Antibody Type | Primary Antibody |
| 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 |
| Entrez | 10189, 21681 |
| Expiration Date | 12 months from date of receipt. |



Western blot analysis of THOC4 expression in HepG2 (A) whole cell lysates. (Predicted band size: 26 kDa; Observed band size: 33 kDa)



Immunohistochemical analysis of THOC4 staining in rat lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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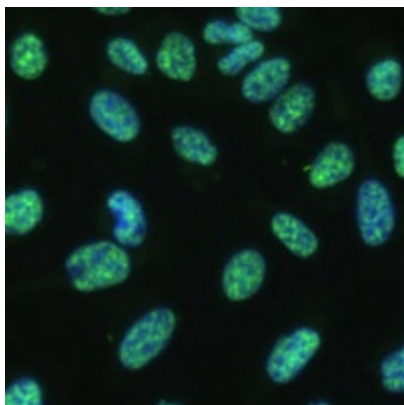
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Immunofluorescent analysis of THOC4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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