

Product Datasheet

AOF1 Antibody NBP1-90148

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-90148

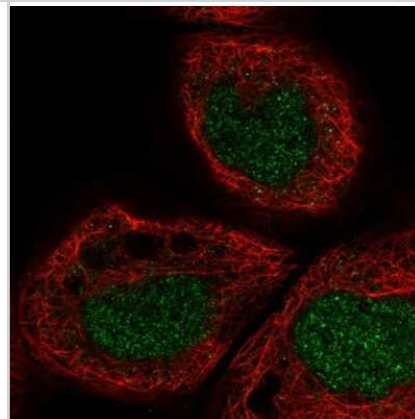
AOF1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	221656
Gene Symbol	KDM1B
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CEQLGISMHKFGERCGLIQEGGRITDPTIDKRMDFFHFNALLDVVSEWRKDKTQL QDVPLGEKIEEIYKAFIKESGIQFSELEGQVLQFHLSNLE
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. WB reported in (PMID: 24924415).

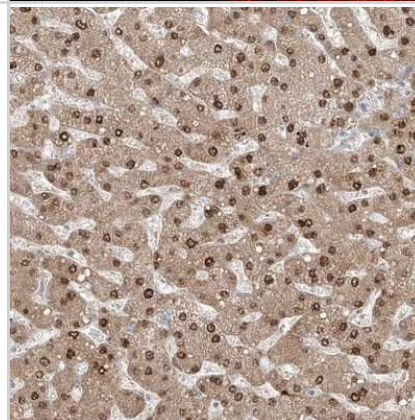


Images

Immunocytochemistry/Immunofluorescence: AOF1 Antibody [NBP1-90148] - Staining of human cell line A-431 shows localization to nucleus. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: AOF1 Antibody [NBP1-90148] - Staining of human liver shows nuclear and cytoplasmic positivity in hepatocytes.



Publications

Katz TA, Vasilatos SN, Harrington E et al. Inhibition of histone demethylase, LSD2 (KDM1B), attenuates DNA methylation and increases sensitivity to DNMT inhibitor-induced apoptosis in breast cancer cells Breast Cancer Res. Treat. 2014-07-01 [PMID: 24924415] (WB, Human)

Details:

Antibody used for WB on MDA-MB-231 cells (scramble control and LSD2-Knock Down) nuclear extracts (Figure 1A)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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