

Product Datasheet

HLTF Antibody NB100-280

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-280**HLTF Antibody****Product Information**

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

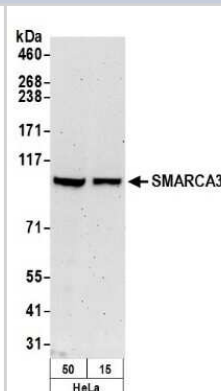
Host	Rabbit
Gene Symbol	HLTF
Species	Human
Immunogen	A synthetic peptide, which represented a portion of human SMARCA3 encoded in part by exons 23 and 24 (LocusLink ID 6596).

Product Application Details

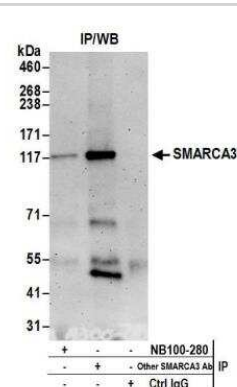
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2 -10 ug/mg of lysate
Application Notes	Western blot (~115 kD band).

Images

Western Blot: HLTF Antibody [NB100-280] - Detection of Human SMARCA3 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMARCA3 antibody NB100-280 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: HLTF Antibody [NB100-280] - Detection of human SMARCA3 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SMARCA3 antibody NB100-280 used for IP at 6 ug per reaction. SMARCA3 was also immunoprecipitated by another rabbit anti-SMARCA3 antibody. For blotting immunoprecipitated SMARCA3, NB100-280 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Zhang J, Chen M, Pang Y et al. Flap endonuclease 1 and DNA-PKcs synergistically participate in stabilizing replication fork to encounter replication stress in glioma cells Journal of experimental & clinical cancer research : CR 2022-04-12 [PMID: 35414100] (WB, Human)

Paul S, Ghosh S, Mandal S et al. NRF2 transcriptionally activates the heat shock factor 1 promoter under oxidative stress and affects survival and migration potential of MCF7 cells. J. Biol. Chem. 2018-10-11 [PMID: 30309986] (WB, Human)

Ali A, Biswas A, Pal M. HSF1 mediated TNF- α production during proteotoxic stress response pioneers proinflammatory signal in human cells. FASEB J. 2018-10-11 [PMID: 30307772] (WB, Human)

Motegi A, Liaw HJ, Lee KY et al. Polyubiquitination of proliferating cell nuclear antigen by HLTF and SHPRH prevents genomic instability from stalled replication forks. Proc Natl Acad Sci U S A 2008-08-01 [PMID: 18719106]





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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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