

Product Datasheet

XLF Antibody **NB100-53799**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-53799

XLF Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	79840
Gene Symbol	NHEJ1
Species	Human
Immunogen	Peptide with sequence C-QRPQLSKVKRKKPR corresponding to C-Terminus according to NP_079058.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 2.5 - 3.8 ug/ml, Immunohistochemistry-Paraffin 2.5 - 3.8 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 38 kDa band observed in lysates of human Skin, testis and thyroid gland (calculated size of 33.3 kDa band according to NP_079058.1). The observed molecular weight corresponds to findings with antibodies from other sources. The 38 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human placenta shows nuclear staining in trophoblasts.

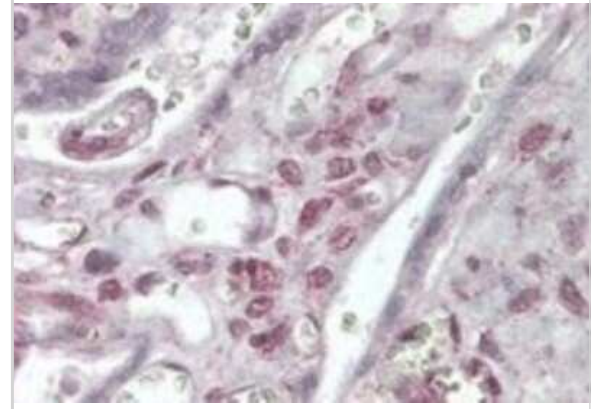


Images

Western Blot: XLF Antibody [NB100-53799] - (0.1ug/ml) staining of Human Thyroid lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: XLF Antibody [NB100-53799] - 3.8ug/ml staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Tadi SK, Tellier-Lebegue C, Nemoz C et al. PAXX Is an Accessory c-NHEJ Factor that Associates with Ku70 and Has Overlapping Functions with XLF. Cell Rep 2016-10-04 [PMID: 27705800] (WB, Human)

Ahnesorg P, Smith P, Jackson SP. XLF interacts with the XRCC4-DNA ligase IV complex to promote DNA nonhomologous end-joining. Cell 2006-01-27 [PMID: 16439205]



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Products Related to NB100-53799

NBL1-13638	XLf Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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