

# Product Datasheet

## EFHD2 Antibody NB100-1477

Unit Size: 0.1 mg

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

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**NB100-1477**

## EFHD2 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
Target Molecular Weight	27 kDa

Product Description	
Description	Novus Biologicals Goat EFHD2 Antibody (NB100-1477) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-EFHD2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	79180
Gene Symbol	EFHD2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23959172).
Specificity/Sensitivity	This antibody does not cross-react with Mouse Swiprosin 2. Data kindly provided by Sebastian Duetting and Dirk Mielenz.
Immunogen	Peptide with sequence CAAFKEKELQSTFK corresponding to C-Terminus according to NP_077305.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 10 ug/ml, Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 30 kDa band observed in human tonsil, thymus and lymph node and in mouse thymus and lymph node lysates (calculated MW of 26.7 kDa band according to NP_077305.2). IHC-P: Human tonsil shows membranous staining in selected cells.

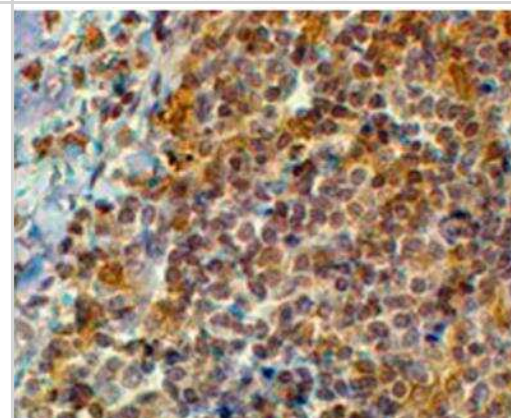


## Images

Western Blot: EFHD2 Antibody [NB100-1477] - Staining of Human Thymus, Human Lymph node and Human Tonsil lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: EFHD2 Antibody [NB100-1477] - Analysis of Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



## Publications

Vuadens F, Rufer N, Kress A et al. Identification of swiprosin 1 in human lymphocytes. *Proteomics* 2004-08-01 [PMID: 15274114]

Huh YH, Kim SH, Chung KH et al. Swiprosin-1 modulates actin dynamics by regulating the F-actin accessibility to cofilin. *Cell Mol Life Sci* 2013-08-21 [PMID: 23959172] (WB, Mouse)

Ferrer-Acosta Y, Rodriguez-Cruz EN, Orange F et al. EFhd2 is a novel amyloid protein associated with pathological tau in Alzheimer's disease. *J Neurochem* 2013-01-18 [PMID: 23331044] (Human)



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### Products Related to NB100-1477

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NBL1-14061	PADI4 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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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