

Rabbit NPDC1 Polyclonal Antibody | anti-NPDC1 antibody

NPDC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324887	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

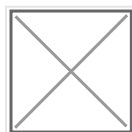
PRODUCT SYNONYMS

NPDC1; Polyclonal Antibody; NPDC1 Antibody; AI314472; CAB1; Neural proliferation differentiation and control protein 1; NPDC-1; NPDC1_HUMAN; anti-NPDC1 antibody

PRODUCT SPECIFICATIONS

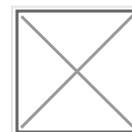
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NPDC1 antibody detects endogenous levels of total NPDC1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	325
Applicable Applications for anti-NPDC1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Strongly expressed in adult brain; especially in hippocampus, frontal lobe and temporal lobe.
Predicted Cross Reactivity	Pig, Bovine, Dog
Similarity	Pig (90%), Bovine (80%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324887 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells using NPDC1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NPDC1 antibody	Function: Suppresses oncogenic transformation in neural and non-neural cells and down-regulates neural cell proliferation. Might be involved in transcriptional regulation (By similarity). Similarity: Belongs to the NPDC1/cab-1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223029449
NCBI GeneID	56654
NCBI Accession #	NP_056207.3
NCBI GenBank Nucleotide #	NM_015392.3
UniProt Accession #	Q9NQX5; Q5SPY8; Q9BTD6; Q9BXT3; Q9NQS2; Q9Y434
Molecular Weight	Observed: 28 kD Predicted: 35 kDa
NCBI Official Full Name	neural proliferation differentiation and control protein 1
NCBI Official Synonym Full Names	neural proliferation, differentiation and control 1
NCBI Official Symbol	NPDC1
NCBI Official Synonym Symbols	CAB; CAB-; CAB1; CAB-1; NPDC-1
NCBI Protein Information	neural proliferation differentiation and control protein 1
UniProt Protein Name	Neural proliferation differentiation and control protein 1
UniProt Gene Name	NPDC1
UniProt Synonym Gene Names	NPDC-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/npdc1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324887>