

Goat NOTCH3 Polyclonal Antibody | anti-NOTCH3 antibody

Goat Polyclonal to Human NOTCH3

CATALOG # AAA12317	HOST Goat	REACTIVITY Bat, Human, Monkey, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

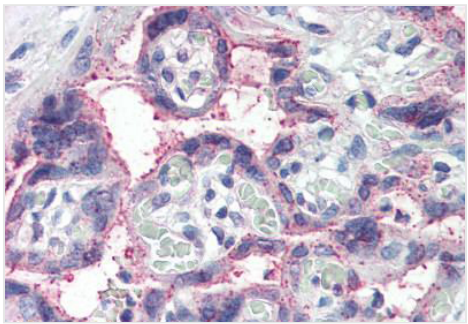
NOTCH3; Polyclonal Antibody; Goat Polyclonal to Human NOTCH3; Anti-NOTCH3 Antibody (C-Terminus) IHC-plus; CASIL; CADASIL; Notch 3; Notch (Drosophila) homolog 3; Notch homolog 3; Notch homolog 3 (Drosophila); Human NOTCH3; anti-NOTCH3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bat, Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Specificity	Human NOTCH3.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	2321
Applicable Applications for anti-NOTCH3 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Application Notes	IHC - Paraffin (5 µg/ml) Peptide Enzyme-Linked Immunosorbent Assay (1:16000) (Optimal dilution to be determined by the researcher)
Target	NOTCH3
Immunogen Species	Human
Immunogen	NOTCH3 antibody was raised against peptide with sequence C-QLGPQPEVTPKRQ, from the C-Terminus of protein sequence according to NP_000426.2
Family/Subfamily	Fibronectin / Not assigned-Fibronectin
Epitope	aa2306-2318
Immunogen Species	NOTCH3 antibody was raised against Human
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech, Inc. makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-NOTCH3 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NOTCH3 antibody	Family: Fibronectin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134244285
NCBI GeneID	4854
NCBI Accession #	NP_000426.2
NCBI GenBank Nucleotide #	NM_000435.2
UniProt Accession #	Q9UM47; Q9UEB3; Q9UPL3; Q9Y6L8
NCBI Official Full Name	neurogenic locus notch homolog protein 3
NCBI Official Synonym Full Names	notch 3
NCBI Official Symbol	NOTCH3
NCBI Official Synonym Symbols	IMF2; CASIL; CADASIL
NCBI Protein Information	neurogenic locus notch homolog protein 3; Notch homolog 3
UniProt Protein Name	Neurogenic locus notch homolog protein 3
UniProt Gene Name	NOTCH3
UniProt Synonym Gene Names	Notch 3
UniProt Entry Name	NOTC3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/notch3-antibody-immunohistochemistry-peptide-elisa-elisa/12317>