

Rabbit EDA Polyclonal Antibody | anti-EDA antibody

EDA Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289009	Rabbit	Human (Predicted Reactivity: Bovine)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

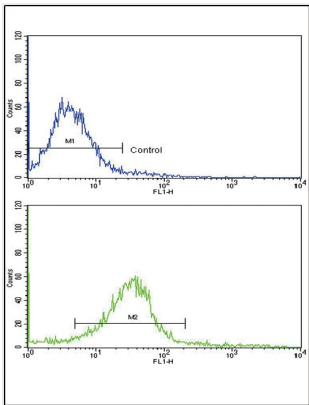
PRODUCT SYNONYMS

EDA; Polyclonal Antibody; EDA Antibody (N-term); Ectodysplasin-A; Ectodermal dysplasia protein; EDA protein; membrane form; secreted form; ED1; EDA2; anti-EDA antibody

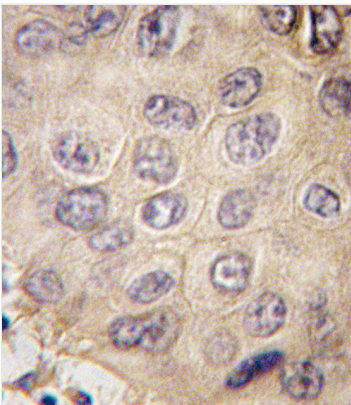
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EDA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-76 amino acids from the N-terminal region of human EDA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	47-76
Sequence Length	386
Applicable Applications for anti-EDA antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

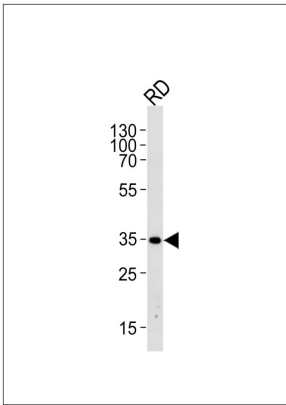
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of hela cells using EDA Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with EDA antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from RD cell line,using EDA Antibody (N-term). AAA289009 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-EDA antibody	EDA is a type II membrane protein that can be cleaved by furin to produce a secreted form. This protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of ectodermal organs. Defects in the gene for EDA are a cause of ectodermal dysplasia, anhidrotic, which is also known as X-linked hypohidrotic ectodermal dysplasia.
Product Categories/Family for anti-EDA antibody	Crown Antibodies; Developmental Biology; Signal Transduction
References	Tariq,M., Eur J Dermatol 17 (3), 209-212 (2007) Tarpey,P., Am. J. Med. Genet. A 143 (4), 390-394 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112101
NCBI GeneID	1896
NCBI Accession #	NP_001005609.1; NP_001005610.2; NP_001005612.2; NP_001005613.1; NP_001390.1
NCBI GenBank Nucleotide #	NM_001005609.1
UniProt Accession #	Q92838; O75910; Q5JS00; Q5JUM7; Q9UP77; Q9Y6L0; Q9Y6L1; Q9Y6L2; A0AUZ2; A2A337; B7ZLU2; B7ZLU4

Molecular Weight	41294
NCBI Official Full Name	ectodysplasin-A isoform 2
NCBI Official Synonym Full Names	ectodysplasin A
NCBI Official Symbol	EDA
NCBI Official Synonym Symbols	ED1; HED; EDA1; EDA2; HED1; ODT1; XHED; ECTD1; XLHED; ED1-A1; ED1-A2; EDA-A1; EDA-A2; STHAGX1
NCBI Protein Information	ectodysplasin-A
UniProt Protein Name	Ectodysplasin-A
UniProt Gene Name	EDA
UniProt Synonym Gene Names	ED1; EDA2; EDA protein
UniProt Entry Name	EDA_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eda-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/289009>