

Rabbit EDA1 Polyclonal Antibody | anti-EDA antibody

EDA1 Antibody

CATALOG # AAA40737	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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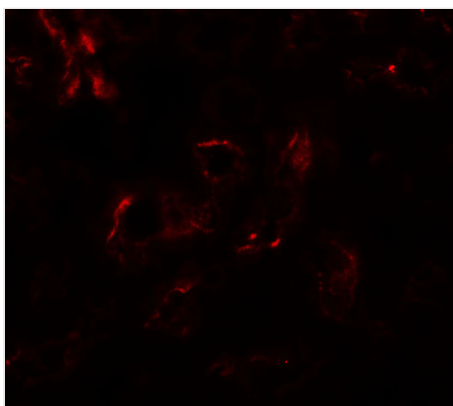
PRODUCT SYNONYMS

EDA1; Polyclonal Antibody; EDA1 Antibody; Ectodysplasin A; Ectodermal dysplasia protein; ED1; ED1-A1; ED1-A2; EDA2; EDA protein; HED; ODT1; STHAGX1; XHED; XLHED; ectodysplasin A; anti-EDA antibody

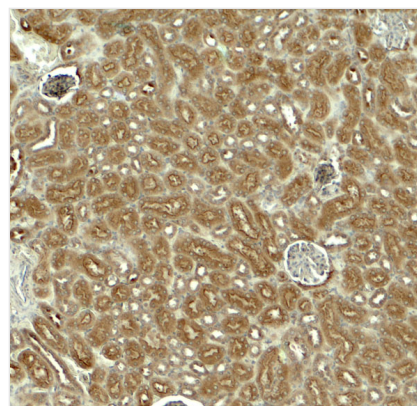
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EDA1 antibody is human, mouse and rat reactive. Multiple isoforms of EDA1 are known to exist.
Purity/Purification	EDA1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	391
Applicable Applications for anti-EDA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	EDA1 antibody was raised against an 19 amino acid peptide near the center of human EDA1.
Buffer	EDA1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	EDA1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

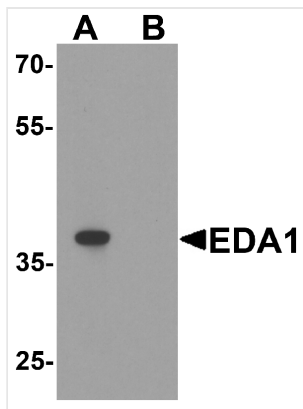
IMAGES


IF (Immunofluorescence)

Immunofluorescence of EDA1 in mouse kidney tissue with EDA1 antibody at 20 µg/ml.


IHC (Immunohistochemistry)

Immunohistochemistry of EDA1 in mouse kidney tissue with EDA1 antibody at 5 µg/ml.



WB (Western Blot)

Western blot analysis of EDA1 in mouse kidney tissue lysate with EDA1 antibody at 1 μg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EDA antibody

Ectodysplasin A (EDA1) is a member of the TNF-related ligand family involved in the early epithelial-mesenchymal interaction that regulates ectodermal appendage formation (1). It is a trimeric type II membrane protein that co-localizes with cytoskeletal structures at the lateral and apical surfaces of cells and can be expressed as eight alternatively spliced isoforms in hair follicles and in the epidermis of adult skin (2,3). EDAs are required during development, and loss or mutation of EDA1 results in a group of developmental disorders identified as ectodermal dysplasia type 1 (4,5).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503449
NCBI GeneID	1896
NCBI Accession #	NP_001390
NCBI GenBank Nucleotide #	NM_001399.4
UniProt Accession #	Q92838; O75910; Q5JS00; Q5JUM7; Q9UP77; Q9Y6L0; Q9Y6L1; Q9Y6L2; A0AUZ2; A2A337; B7ZLU2; B7ZLU4
Molecular Weight	Predicted: 16; 43 kDa Observed: 39 kDa
NCBI Official Full Name	ectodysplasin-A isoform 1
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; oligodontia 1; X-linked anhidrotic ectodermal dysplasia protein
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.