

Rabbit anti-Human XEDAR Polyclonal Antibody | anti-EDA2R antibody

XEDAR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40181	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

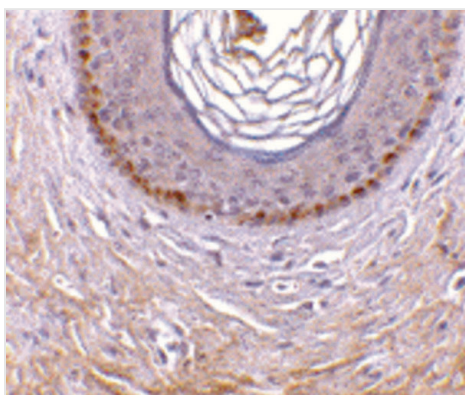
PRODUCT SYNONYMS

XEDAR; Polyclonal Antibody; XEDAR Antibody; EDAA2R; EDA-A2R; TNFRSF27; UNQ2448/PRO5727/PRO34080; Tumor necrosis factor receptor superfamily member 27; X-linked ectodysplasin-A2 receptor; EDA-A2 receptor; ectodysplasin A2 receptor; anti-EDA2R antibody

PRODUCT SPECIFICATIONS

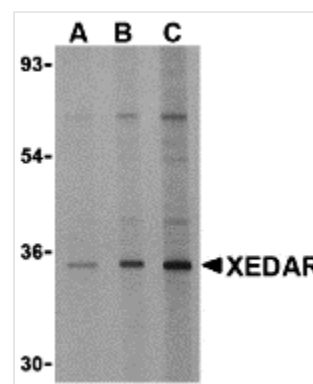
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	XEDAR Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	297
Applicable Applications for anti-EDA2R antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	XEDAR antibody was raised against recombinant human XEDAR.
Buffer	XEDAR Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	XEDAR antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of XEDAR in human skin tissue with XEDAR antibody at 10 µg/mL.



WB (Western Blot)

Western blot analysis of XEDAR in 293 cell lysate with XEDAR antibody at (A) 0.5, (B) 1 and (C) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-EDA2R antibody	XEDAR Antibody: X-linked ectodysplasin-A2 receptor (XEDAR) is a recently isolated member of the tumor necrosis factor receptor family that is highly expressed during embryonic development and binds to ectodysplatin-A2 (EDA-A2). Two predominantly expressed isoforms, XEDAR-s and XEDAR-L, differ by only a 21-amino region at the juxtamembrane region of the cytoplasmic domain. Neither isoform possesses a death domain and both have been shown to act mainly through TRAF3 and TRAF6 to activate the NF-?B and JNK pathways. Cells transfected with XEDAR and treated with EDA-A2 cause the assembly of a secondary complex containing FADD, caspase-8 and caspase-10, leading to the activation caspase-8 and caspase-3, and finally apoptosis. The EDA-A2-induced apoptosis is dependent on caspase-9 activation, as various pharmacological and genetic inhibitors of caspase-8 blocked apoptosis following EDA-A2 treatment.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37222208
NCBI GeneID	60401
UniProt Accession #	Q9HAV5; Q5VYX9; Q5VYY0; Q6UWM2; Q8IZA6
Molecular Weight	32,959 Da
NCBI Official Full Name	XEDAR
NCBI Official Synonym Full Names	ectodysplasin A2 receptor
NCBI Official Symbol	EDA2R
NCBI Official Synonym Symbols	XEDAR; EDAA2R; EDA-A2R; TNFRSF27
NCBI Protein Information	tumor necrosis factor receptor superfamily member 27; EDA-A2 receptor; X-linked ectodysplasin-A2 receptor; tumor necrosis factor receptor superfamily member XEDAR
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 27
UniProt Gene Name	EDA2R
UniProt Synonym Gene Names	TNFRSF27; XEDAR; EDA-A2 receptor
UniProt Entry Name	TNR27_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.