

Anti-XEDAR EDA2R Antibody

Catalog Number: A08575

About EDA2R

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-kappaB 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.

Overview

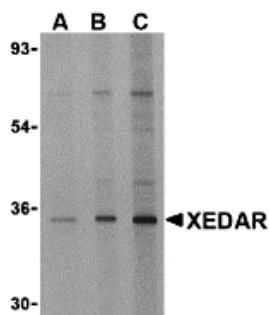
Product Name	Anti-XEDAR EDA2R Antibody
Reactive Species	Human
Description	Boster Bio Anti-XEDAR EDA2R Antibody (Catalog # A08575). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	XEDAR Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	XEDAR antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9HAV5

Technical Details

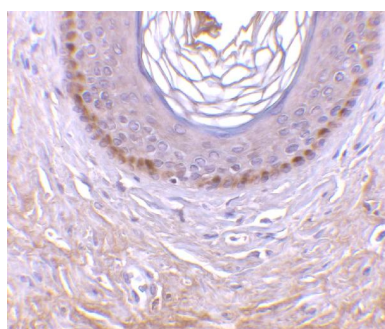
Immunogen	XEDAR antibody was raised against recombinant human XEDAR.
Predicted Reactive Species	Bovine
Cross Reactivity	NDST2 antibody is human, mouse and rat reactive. At least two isoforms of NDST2 are known to exist; this antibody will only detect the larger isoform. NDST2 antibody is predicted not to cross-react with other members of the NDST protein family.
Isotype	IgG
Form	Liquid

Concentration	1 mg/mL
Purification	XEDAR Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: XEDAR antibody can be used for the detection of XEDAR by Western blot at 0.5 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-XEDAR EDA2R Antibody (A08575) Images



Western blot analysis of XEDAR in 293 cell lysate with XEDAR antibody at (A) 0.5



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

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