

Product datasheet for **TA306331**

EDA2R Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 10 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	XEDAR antibody was raised against recombinant human XEDAR.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ectodysplasin A2 receptor
Database Link:	AAQ89953 Entrez Gene 60401 Human Q9HAV5



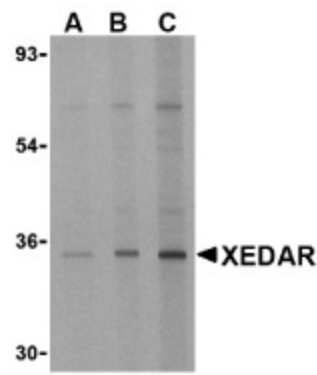
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Background:

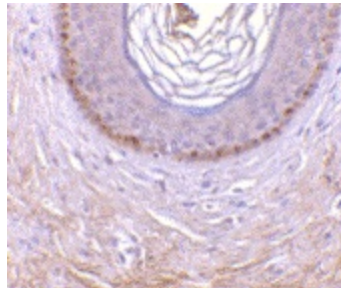
X-linked ectodysplasin-A2 receptor (XEDAR) is a recently isolated member of the tumor necrosis factor receptor family that is highly expressed during embryonic development and binds to ectodysplatin-A2 (EDA-A2) (1). Two predominantly expressed isoforms, XEDAR-s and XEDAR-L, differ by only a 21-amino 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 (2). 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 (3). 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 (3).

Synonyms:

EDA-A2R; EDAA2R; TNFRSF27; XEDAR

Product images:

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



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