

Datasheet for ABIN501133

anti-Ectodysplasin A2 Receptor antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Ectodysplasin A2 Receptor (EDA2R)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ectodysplasin A2 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	XEDAR antibody was raised against recombinant human XEDAR.
Isotype:	IgG
Specificity:	This antibody detects EDA2R / TNFRSF27.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affiinity chromatography

Target Details

Target:	Ectodysplasin A2 Receptor (EDA2R)
Alternative Name:	EDA2R / TNFRSF27 (EDA2R Products)
Background:	X-linked ectodysplasin-A2 receptor (XEDAR) is a recently isolated member of the tumor

Target Details

necrosis factor receptor family that is highly expressed during embryonic development and binds to ectodysplasin-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-A2 receptor, Tumor necrosis factor receptor superfamily member 27, UNQ2448/PRO5727/PRO34080, X-linked ectodysplasin-A2 receptor, XEDAR

Gene ID: 60401

Application Details

Application Notes: ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

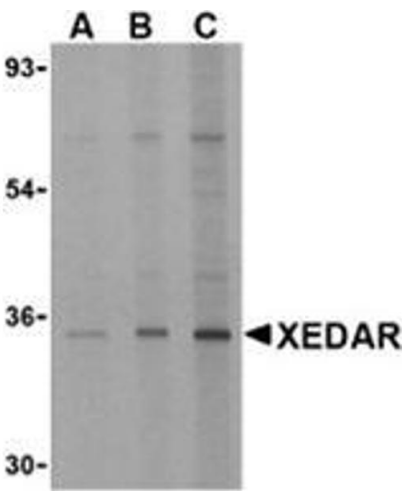
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

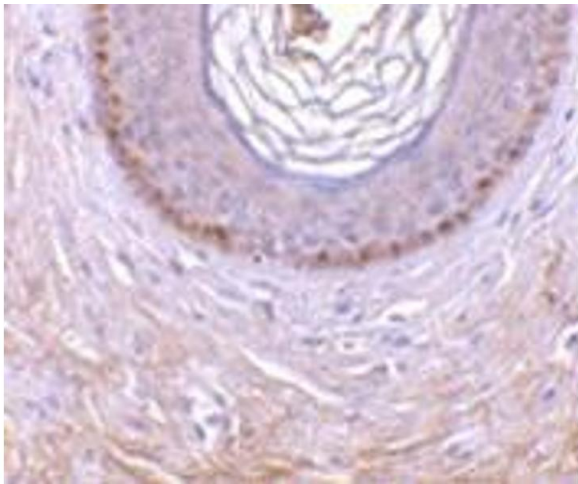
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of XEDAR in human skin tissue with this product at 10 µg/ml.