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EDA2R Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18402b

Specification

EDA2R Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9HAV5
Other Accession	NP_068555.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**32759**
Antigen Region	**267-297**

EDA2R Antibody (C-term) - Additional Information

Gene ID 60401

Other Names
Tumor necrosis factor receptor superfamily member 27, X-linked ectodysplasin-A2 receptor, EDA-A2 receptor, EDA2R, TNFRSF27, XEDAR

Target/Specificity
This EDA2R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-297 amino acids from the C-terminal region of human EDA2R.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EDA2R Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EDA2R Antibody (C-term) - Protein Information

Name EDA2R

Synonyms TNFRSF27, XEDAR

Function Receptor for EDA isoform A2, but not for EDA isoform A1. Mediates the activation of the NF-kappa-B and JNK pathways. Activation seems to be mediated by binding to TRAF3 and TRAF6.

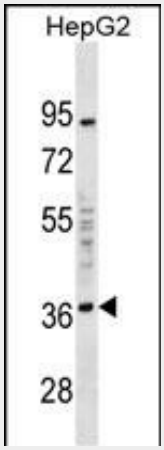
Cellular Location
Membrane; Single-pass type III membrane protein.

EDA2R Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EDA2R Antibody (C-term) - Images



EDA2R Antibody (C-term) (Cat. #AP18402b) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the EDA2R Antibody detected the EDA2R protein (arrow).

EDA2R Antibody (C-term) - Background

EDA-A1 and EDA-A2 are two isoforms of ectodysplasin that are encoded by the anhidrotic ectodermal dysplasia (EDA) gene. Mutations in EDA give rise to a clinical syndrome characterized by loss of hair, sweat glands, and teeth. The protein encoded by this gene specifically binds to EDA-A2 isoform. This protein is a type III transmembrane protein of the TNFR (tumor necrosis factor receptor) superfamily, and contains 3 cysteine-rich repeats and a single transmembrane domain but lacks an N-terminal signal peptide. Multiple alternatively spliced transcript variants have been found for this gene, but some variants lack sufficient support. [provided by RefSeq].

EDA2R Antibody (C-term) - References

Brockschmidt, F.F., et al. Br. J. Dermatol. 162(4):899-903(2010)
Tanikawa, C., et al. Oncogene 28(34):3081-3092(2009)
Fujimoto, A., et al. J. Hum. Genet. 54(8):461-465(2009)
Hillmer, A.M., et al. Hum. Genet. 126(2):255-264(2009)
Richards, J.B., et al. Nat. Genet. 40(11):1282-1284(2008)