

EDA2R rabbit monoclonal antibody

Catalog # H00060401-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EDA2R peptide using ARM Technology.
Immunogen	A synthetic peptide of human EDA2R is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EDA2R peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — EDA2R

Entrez GeneID [60401](#)

GeneBank Accession# [EDA2R](#)

Gene Name EDA2R

Gene Alias EDA-A2R, EDAA2R, TNFRSF27, XEDAR

Gene Description ectodysplasin A2 receptor

Omim ID [300276](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations EDA-A2 receptor|OTTHUMP00000023448|X-linked ectodysplasin receptor|X-linked ectodysplasin-A2 receptor|tumor necrosis factor receptor superfamily member XEDAR

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Alopecia](#)
- [Genetic Predisposition to Disease](#)