

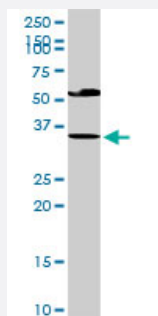
MaxPab®

# EDA2R purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00060401-D01P

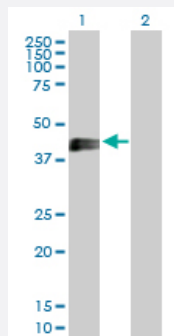
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

EDA2R MaxPab rabbit polyclonal antibody. Western Blot analysis of EDA2R expression in mouse liver.



### Western Blot (Transfected lysate)

Western Blot analysis of EDA2R expression in transfected 293T cell line ([H00060401-T02](#)) by EDA2R MaxPab polyclonal antibody.

Lane 1: EDA2R transfected lysate(32.70 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human EDA2R protein.

### Immunogen

EDA2R (NP\_068555.1, 1 a.a. ~ 297 a.a) full-length human protein.

### Sequence

MDCQENEYWDQWGRCVTCQRCGPGQELSKDCGYGEGGDAYCTACPPRRYKSSWGHHCQS  
CITCAVINRVQKVNCTATSNVCGDCLPRFYRKTRIGGLQDQECIPCTKQPTSEVQCAFQLSLVE  
ADAPTVPPEATLVALVSSLLVFTLAFLGLFFLYCKQFFNRHCQRGGLLQFEADKTAKEESLFP  
VPPSKETSAESQVSENFQTQPLNPILEDSCSSTSGFPTQESFTMASCTSESHSHVHSPICE  
LDLQKFSSSASYTGAETLGGNTVESTGDRLELNVPFEVPSP

### Host

Rabbit

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human, Mouse                                                             |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer          | In 1x PBS, pH 7.4                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

EDA2R MaxPab rabbit polyclonal antibody. Western Blot analysis of EDA2R expression in mouse liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of EDA2R expression in transfected 293T cell line ([H00060401-T02](#)) by EDA2R MaxPab polyclonal antibody.

Lane 1: EDA2R transfected lysate(32.70 KDa).

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[Protocol Download](#)

## Gene Info — EDA2R

|                     |                                  |
|---------------------|----------------------------------|
| Entrez GeneID       | <a href="#">60401</a>            |
| GeneBank Accession# | <a href="#">NM_021783</a>        |
| Protein Accession#  | <a href="#">NP_068555.1</a>      |
| Gene Name           | EDA2R                            |
| Gene Alias          | EDA-A2R, EDAA2R, TNFRSF27, XEDAR |
| Gene Description    | ectodysplasin A2 receptor        |
| Omim ID             | <a href="#">300276</a>           |
| Gene Ontology       | <a href="#">Hyperlink</a>        |

**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

**Publication Reference**

- [Rescue of gene-expression changes in an induced mouse model of spinal muscular atrophy by an antisense oligonucleotide that promotes inclusion of SMN2 exon 7.](#)

Staropoli JF, Li H, Chun SJ, Allaire N, Cullen P, Thai A, Fleet CM, Hua Y, Bennett CF, Krainer AR, Kerr D, McCampbell A, Rigo F, Carulli JP.

Genomics 2015 Apr; 105(4):220.

Application: WB, Mouse, Spinal cord

**Pathway**

- [Cytokine-cytokine receptor interaction](#)

**Disease**

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