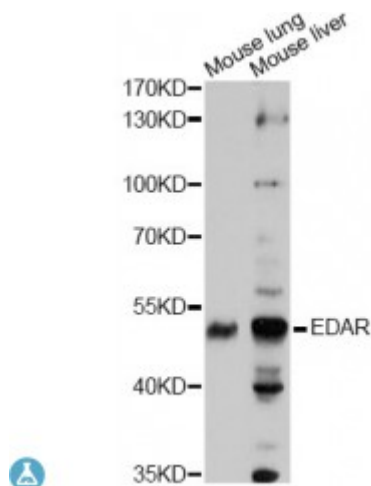


## Anti-EDAR Antibody



### Description

This gene encodes a member of the tumor necrosis factor receptor family. The encoded transmembrane protein is a receptor for the soluble ligand ectodysplasin A, and can activate the nuclear factor-kappaB, JNK, and caspase-independent cell death pathways. It is required for the development of hair, teeth, and other ectodermal derivatives. Mutations in this gene result in autosomal dominant and recessive forms of hypohidrotic ectodermal dysplasia.

|                           |                                                                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>              | STJ116040                                                                                                                                 |
| <b>Host</b>               | Rabbit                                                                                                                                    |
| <b>Reactivity</b>         | Mouse                                                                                                                                     |
| <b>Applications</b>       | WB                                                                                                                                        |
| <b>Immunogen</b>          | Recombinant fusion protein containing a sequence corresponding to amino acids 27-187 of human EDAR (NP_071731.1).                         |
| <b>Gene ID</b>            | <a href="#">10913</a>                                                                                                                     |
| <b>Gene Symbol</b>        | <a href="#">EDAR</a>                                                                                                                      |
| <b>Dilution range</b>     | WB 1:500 - 1:2000                                                                                                                         |
| <b>Tissue Specificity</b> | Detected in fetal kidney, lung, skin and cultured neonatal epidermal keratinocytes, Not detected in lymphoblast and fibroblast cell lines |
| <b>Purification</b>       | Affinity purification                                                                                                                     |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                                              |
| <b>Protein Name</b>       | Tumor necrosis factor receptor superfamily member EDAR Anhidrotic ectodysplasin receptor 1 Downless homolog EDA-A1 receptor Ectodermal    |

|                              |                                                                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              | dysplasia receptor Ectodysplasin-A receptor                                                                                                                                        |
| <b>Molecular Weight</b>      | 48.582 kDa                                                                                                                                                                         |
| <b>Clonality</b>             | Polyclonal                                                                                                                                                                         |
| <b>Conjugation</b>           | Unconjugated                                                                                                                                                                       |
| <b>Isotype</b>               | IgG                                                                                                                                                                                |
| <b>Formulation</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                  |
| <b>Storage Instruction</b>   | Store at -20C. Avoid freeze / thaw cycles.                                                                                                                                         |
| <b>Database Links</b>        | <a href="#">HGNC:2895OMIM:129490Reactome:R-HSA-5669034</a>                                                                                                                         |
| <b>Alternative Names</b>     | Tumor necrosis factor receptor superfamily member EDAR Anhidrotic ectodysplasin receptor 1 Downless homolog EDA-A1 receptor Ectodermal dysplasia receptor Ectodysplasin-A receptor |
| <b>Function</b>              | Receptor for EDA isoform A1, but not for EDA isoform A2, Mediates the activation of NF-kappa-B and JNK, May promote caspase-independent cell death                                 |
| <b>Cellular Localization</b> | Membrane                                                                                                                                                                           |

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