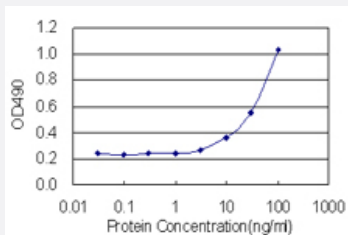


## EDA2R (Human) Matched Antibody Pair

Catalog # H00060401-AP21

Size 1 Set

### Applications



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

### Specification

<b>Product Description</b>	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human EDA2R.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Standard curve using recombinant protein ( H00060401-P01 ) as an analyte. Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.
<b>Supplied Product</b>	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-EDA2R (100 ug) 2. Detection antibody: mouse purified polyclonal anti-EDA2R (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

### Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

## Gene Info — EDA2R

Entrez GeneID [60401](#)

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](#)