

**EDA Polyclonal Antibody**  
**Catalog # AP73886****Specification**

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**EDA Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P              |
| Primary Accession | <a href="#">Q92838</a> |
| Reactivity        | Human, Mouse           |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**EDA Polyclonal Antibody - Additional Information****Gene ID** 1896**Other Names**

EDA; ED1; EDA2; Ectodysplasin-A; Ectodermal dysplasia protein; EDA protein

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**EDA Polyclonal Antibody - Protein Information****Name** EDA**Synonyms** ED1, EDA2**Function**

Cytokine which is involved in epithelial-mesenchymal signaling during morphogenesis of ectodermal organs. Functions as a ligand activating the DEATH-domain containing receptors EDAR and EDA2R (PubMed:<[a href="http://www.uniprot.org/citations/11039935" target="\\_blank">http://www.uniprot.org/citations/11039935](http://www.uniprot.org/citations/11039935)>11039935</a>, PubMed:<[a href="http://www.uniprot.org/citations/27144394" target="\\_blank">http://www.uniprot.org/citations/27144394](http://www.uniprot.org/citations/27144394)>27144394</a>, PubMed:<[a href="http://www.uniprot.org/citations/34582123" target="\\_blank">http://www.uniprot.org/citations/34582123](http://www.uniprot.org/citations/34582123)>34582123</a>, PubMed:<[a href="http://www.uniprot.org/citations/8696334" target="\\_blank">http://www.uniprot.org/citations/8696334](http://www.uniprot.org/citations/8696334)>8696334</a>). May also play a role in cell adhesion (By similarity).

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:O54693}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:O54693}

### Tissue Location

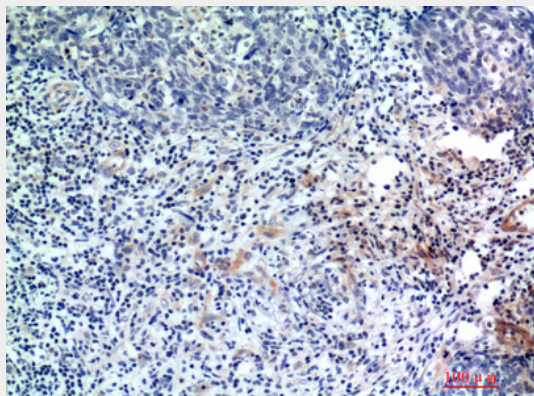
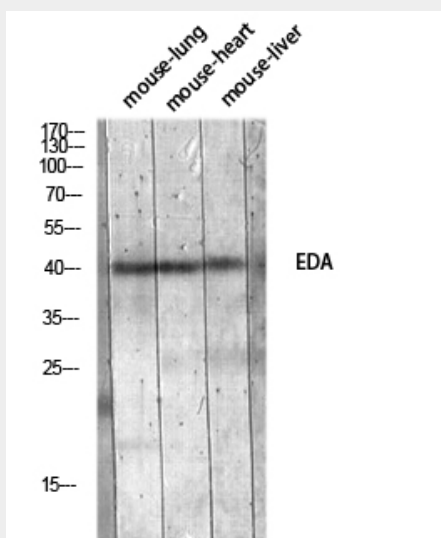
Not abundant; expressed in specific cell types of ectodermal (but not mesodermal) origin of keratinocytes, hair follicles, sweat glands. Also in adult heart, liver, muscle, pancreas, prostate, fetal liver, uterus, small intestine and umbilical cord {ECO:0000269|Ref.6}

### EDA Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### EDA Polyclonal Antibody - Images



### EDA Polyclonal Antibody - Background

Cytokine which is involved in epithelial-mesenchymal signaling during morphogenesis of ectodermal organs. Functions as a ligand activating the DEATH-domain containing receptors EDAR and EDA2R (PubMed:8696334, PubMed:11039935, PubMed:27144394). May also play a role in cell adhesion (By similarity).