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# EDA Polyclonal Antibody

Catalog # AP73886

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P |
| **Primary Accession** | Q92838 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 41294 |

## Additional Information

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|---|---|
| **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℃ |

## Protein Information

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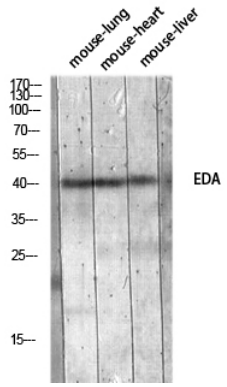
|---|---|
| **Name** | EDA |
| **Synonyms** | ED1, EDA2 |
| **Function** | Cytokine which is involved in epithelial-mesenchymal signaling during morphogenesis of ectodermal organs. Functions as a ligand activating the DEATH-domain containing receptors EDAR and EDA2R (PubMed:11039935, PubMed:27144394, PubMed:34582123, PubMed:8696334). 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} |

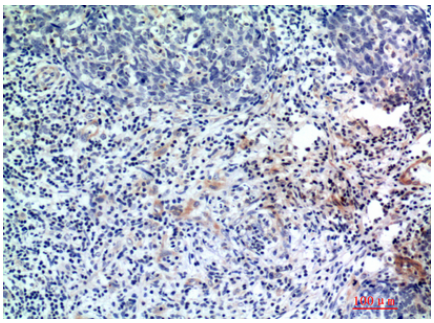
## Background

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).

## Images




Western blot analysis of mouse-lung mouse-heart mouse-liver lysis using EDA antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200