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EDA Polyclonal Antibody

Catalog # AP73886

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q92838
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41294

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~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

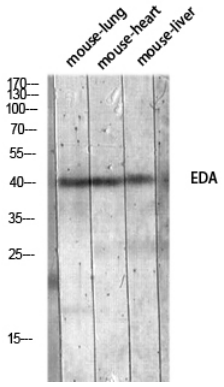
Protein Information

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: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}

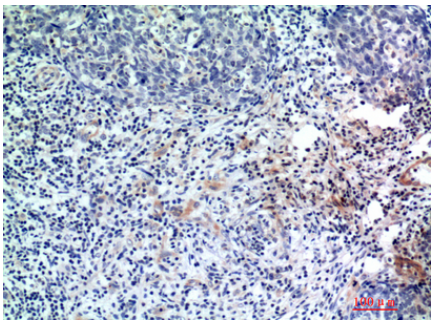
Background

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.