

ARG57765 anti-EDA antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes EDA
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	EDA
Species	Human
Immunogen	Synthetic peptide of Human EDA.
Conjugation	Un-conjugated
Alternate Names	Ectodermal dysplasia protein; EDA-A1; EDA protein; ED1-A2; EDA-A2; ECTD1; Ectodysplasin-A; HED1; XHED; HED; STHAGX1; ED1; EDA1; EDA2; ODT1; XLHED; ED1-A1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:250 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

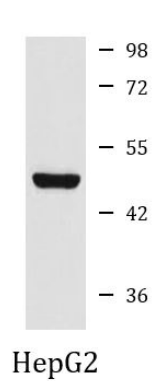
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	EDA
Gene Full Name	ectodysplasin A
Background	The protein encoded by this gene is a type II membrane protein that can be cleaved by furin to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of ectodermal organs. Defects in this gene are a cause of ectodermal dysplasia, anhidrotic, which is also known as X-linked hypohidrotic ectodermal dysplasia. Several transcript variants encoding many different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Seems to be involved in epithelial-mesenchymal signaling during morphogenesis of ectodermal organs. Isoform 1 binds only to the receptor EDAR, while isoform 3 binds exclusively to the receptor XEDAR. [UniProt]
Calculated Mw	41 kDa
PTM	N-glycosylated. Processing by furin produces a secreted form. [UniProt]
Cellular Localization	Cell membrane, Single-pass type II membrane protein, Secreted. [UniProt]

Images



ARG57765 anti-EDA antibody WB image

Western blot: 25 µg of HepG2 cell lysate stained with ARG57765 anti-EDA antibody at 1:400 dilution.