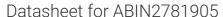
antibodies - online.com







anti-Ectodysplasin A antibody (Middle Region)



Image



Publication



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Quantity:	100 μL	
Target:	Ectodysplasin A (EDA)	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Ectodysplasin A antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EDA	
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human EDA HLQGQGSAIQ VKNDLSGGVL NDWSRITMNP KVFKLHPRSG ELEVLVDGTY	
Sequence:	HLQGQGSAIQ VKNDLSGGVL NDWSRITMNP KVFKLHPRSG ELEVLVDGTY Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse:	
Sequence: Predicted Reactivity:	HLQGQGSAIQ VKNDLSGGVL NDWSRITMNP KVFKLHPRSG ELEVLVDGTY Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% This is a rabbit polyclonal antibody against EDA. It was validated on Western Blot using a cell	
Sequence: Predicted Reactivity: Characteristics:	HLQGQGSAIQ VKNDLSGGVL NDWSRITMNP KVFKLHPRSG ELEVLVDGTY Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% This is a rabbit polyclonal antibody against EDA. It was validated on Western Blot using a cell lysate as a positive control.	

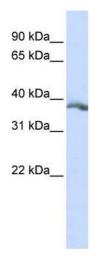
Target Details

Alternative Name:	EDA (EDA Products)		
Background:	EDA is a type II membrane protein that can be cleaved by furin to produce a secreted form. It		
	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. 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.		
	Alias Symbols: ED1, ED1-A1, ED1-A2, EDA1, EDA2, HED, XHED, XLHED, ODT1, STHAGX1		
	Protein Interaction Partner: OSTCP1, OSTC, NIPAL3, GIMAP5, SEC22A, LEPROTL1, DOLK, PLN,		
	MAL, EMP3, CYB561, ATP6V0C, EDAR, EDA, EDA2R, FURIN,		
	Protein Size: 389		
Molecular Weight:	41 kDa		
Gene ID:	1896		
NCBI Accession:	NM_001005609, NP_001005609		
UniProt:	B7ZLU4		
Pathways:	Tube Formation		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 389 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %		

Handling

	sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	
Publications		
Product cited in:	Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting,	

Images



Western Blotting

Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: Nucleic acids

research, Vol. 34, Issue Database issue, pp. D415-8, (2005) (PubMed).

Image 1. WB Suggested Anti-EDA Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate