

For Research Use Only

EDAR Polyclonal antibody

Catalog Number: 18032-1-AP **3 Publications**



Basic Information

Catalog Number: 18032-1-AP	GenBank Accession Number: BC093872	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Nanodrop and 147 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10913	Recommended Dilutions: WB 1:500-1:2400 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: ectodysplasin A receptor	
Isotype: IgG	Calculated MW: 448 aa, 49 kDa	
Immunogen Catalog Number: AG12601	Observed MW: 48 kDa	

Applications

Tested Applications: FC, IP, WB, ELISA	Positive Controls: WB : A549 cells, HEK-293 cells, A431 cells, MCF-7 cells IP : A549 cells,
Cited Applications: IF, IHC, WB	
Species Specificity: human	
Cited Species: mouse	

Background Information

EDAR, also named as DL, is a receptor for EDA isoform A1, but not for EDA isoform A2. It mediates the activation of NF-kappa-B and JNK. EDAR may promote caspase-independent cell death. It is expressed in adjacent or partially overlapping layers in the developing human skin with MW 48 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Chang-Yi Cui	25249463	Development	IF
Zhong-San Zeng	30663067	J Pharm Pharmacol	WB
Ludan Xing	37731334	J Histochem Cytochem	IF,IHC

Storage

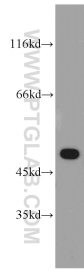
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

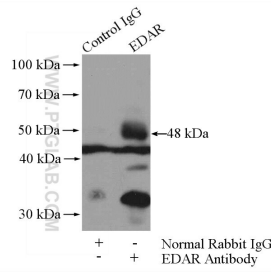
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

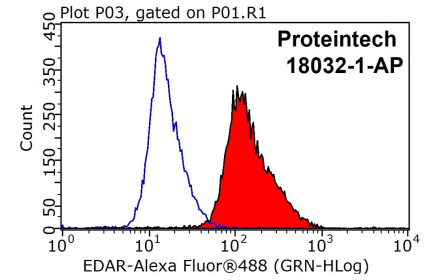
Selected Validation Data



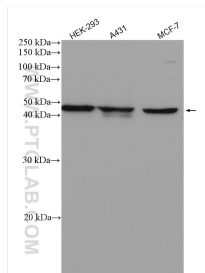
A549 cells were subjected to SDS PAGE followed by western blot with 18032-1-AP (EDAR antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



IP Result of anti-EDAR (IP:18032-1-AP, 4 μ g; Detection:18032-1-AP 1:500) with A549 cells lysate 2800 μ g.



1×10^6 HepG2 cells were stained with 0.2 μ g EDAR antibody (18032-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Various lysates were subjected to SDS PAGE followed by western blot with 18032-1-AP (EDAR antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.