

For Research Use Only

# EDAR Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 18032-1-AP	<b>GenBank Accession Number:</b> BC093872	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 10913	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UNEO	
<b>Isotype:</b> IgG	<b>Full Name:</b> ectodysplasin A receptor	
<b>Immunogen Catalog Number:</b> AG12601	<b>Calculated MW:</b> 448 aa, 49 kDa	
	<b>Observed MW:</b> 48 kDa	

## Applications

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

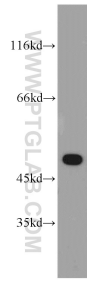
## Storage

**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

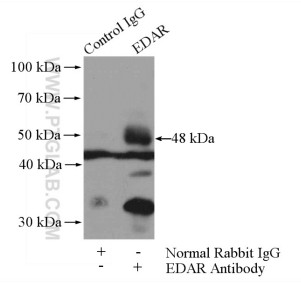
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

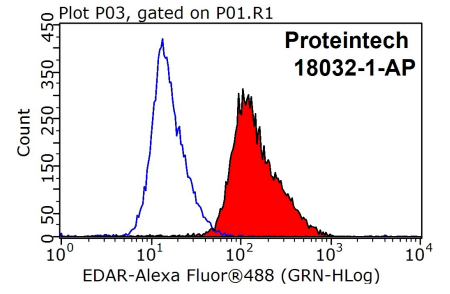
## Selected Validation Data



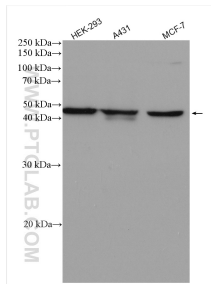
A549 cells were subjected to SDS PAGE followed by western blot with 18032-1-AP (EDAR antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



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



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug 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.