

For Research Use Only

# EGF Polyclonal antibody

Catalog Number: 27141-1-AP **6 Publications**



## Basic Information

<b>Catalog Number:</b> 27141-1-AP	<b>GenBank Accession Number:</b> BC093731	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 750 µg/ml	<b>GeneID (NCBI):</b> 1950	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P01133	
<b>Isotype:</b> IgG	<b>Full Name:</b> epidermal growth factor (beta-urogastrone)	
<b>Immunogen Catalog Number:</b> AG25997	<b>Calculated MW:</b> 1207 aa, 134 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human skin tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Epidermal growth factor (EGF) is a small 6 kD polypeptide and has six conserved cysteine residues that form three intramolecular disulfide bonds. Human EGF is synthesized as transmembrane precursor proteins (1207 amino acids), which are proteolytically cleaved to generate the 54 amino acid mature EGF.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ruichuang Yang	34824590	Evid Based Complement Alternat Med	WB
Enjie Li	35502895	Elife	WB, IHC
Zu-Jun Que	32240782	J Ethnopharmacol	WB

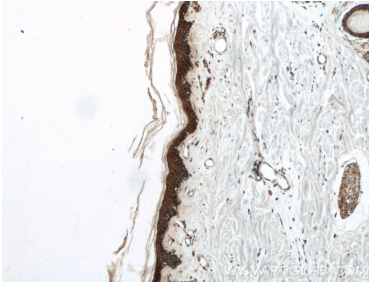
## Storage

**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

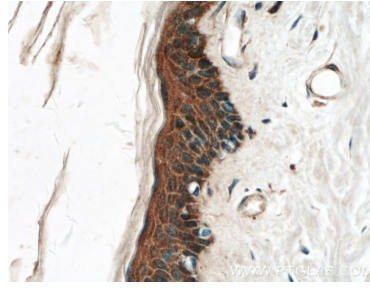
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 27141-1-AP (EGF antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 27141-1-AP (EGF antibody) at dilution of 1:200 (under 40x lens).