

For Research Use Only

# ANXA8 Polyclonal antibody

Catalog Number: 33144-1-AP



## Basic Information

<b>Catalog Number:</b> 33144-1-AP	<b>GenBank Accession Number:</b> BC073755	<b>Purification Method:</b> Antigen affinity Purification
<b>Concentration:</b> 300 ug/ml	<b>GeneID (NCBI):</b> 653145	<b>Recommended Dilutions:</b> WB: 1:3000-1:8000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13928	
<b>Isotype:</b> IgG	<b>Full Name:</b> annexin A8	
<b>Immunogen Catalog Number:</b> AG39741	<b>Calculated MW:</b> 36 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Calu-1 cells, HeLa cells, mouse skin tissue, rat skin tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Annexin A8 (ANXA8) gene, a member of the annexin family, encodes an anticoagulant protein involved in blood coagulation cascade and acts as an indirect inhibitor of the thromboplastin-specific complex. ANXA8 promotes the proliferation of endometrial cells through the Akt signalling pathway (PMID: 30040162). The expression levels of multiple cellular factors, including EGFR, PI3K, Akt, mTOR, p70S6K and 4EBP1, in the epidermal growth factor receptor (EGFR) signaling pathway were also altered by ANXA8 knockdown or overexpression in A549 cells, which confirmed the activation of the EGFR/Akt/mTOR signaling pathway by ANXA8 (PMID: 34671007).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

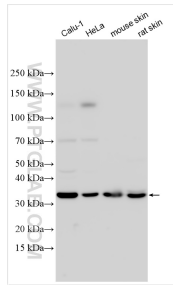
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33144-1-AP (ANXA8 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.