

For Research Use Only

ANXA8 Polyclonal antibody

Catalog Number: 33144-1-AP



Basic Information

Catalog Number: 33144-1-AP	GenBank Accession Number: BC073755	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 653145	Recommended Dilutions: WB: 1:3000-1:8000
Source: Rabbit	UNIPROT ID: P13928	
Isotype: IgG	Full Name: annexin A8	
Immunogen Catalog Number: AG39741	Calculated MW: 36 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Calu-1 cells, HeLa cells, mouse skin tissue, rat skin tissue
Species Specificity: 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

*** 20ul sizes contain 0.1% BSA

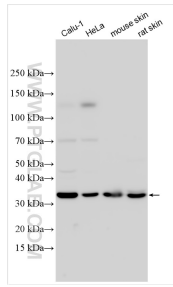
For technical support and original validation data for this product please contact:

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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.