

For Research Use Only

ECM1 Polyclonal antibody

Catalog Number: 30725-1-AP



Basic Information

Catalog Number: 30725-1-AP	GenBank Accession Number: BC023505	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 1893	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q16610	
Isotype: IgG	Full Name: extracellular matrix protein 1	
	Calculated MW: 540 aa, 61 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A375 cells, A431 cells
Species Specificity: Human	

Background Information

ECM1 (extracellular matrix protein 1), also known as URBWD. It is located in Secreted, extracellular space, and extracellular matrix, which is mainly expressed in esophagus and gall bladder. The gene encodes a soluble protein that is involved in endochondral bone formation, angiogenesis, and tumor biology. It also interacts with a variety of extracellular and structural proteins, contributing to the maintenance of skin integrity and homeostasis. Mutations in this gene are associated with lipoid proteinosis disorder (also known as hyalinosis cutis et mucosae or Urbach-Wiethe disease) that is characterized by generalized thickening of skin, mucosae and certain viscera. Alternatively spliced transcript variants encoding distinct isoforms have been described for this gene. The calculated molecular weight of ECM1 is 60 kDa, and this antibody can recognize the 63 kDa isoform of target.

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:

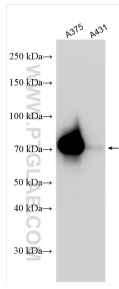
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with 30725-1-AP (ECM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.