

For Research Use Only

ELA1 Polyclonal antibody

Catalog Number: 55342-1-AP



Basic Information

Catalog Number: 55342-1-AP	GenBank Accession Number: NM_001971	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1990	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: elastase 1, pancreatic	
Isotype: IgG	Calculated MW: 28 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A375 cells,
Species Specificity: human, mouse	

Background Information

Chymotrypsin-like elastase 1 (Cela1) is a digestive protease that is expressed during lung development in association with regions of elastin remodeling, exhibits stretch-dependent expression during lung regeneration, and binds lung elastin in a stretch-dependent manner..

Storage

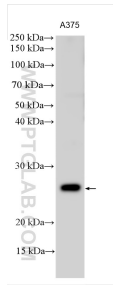
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55342-1-AP (ELA1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.