

For Research Use Only

AMTN Polyclonal antibody

Catalog Number: 24463-1-AP **3 Publications**



Basic Information

Catalog Number: 24463-1-AP	GenBank Accession Number: BC121817	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 401138	Recommended Dilutions: IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q6UX39	
Isotype: IgG	Full Name: amelotin	
Immunogen Catalog Number: AG18439	Calculated MW: 209 aa, 22 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF/ICC : A431 cells,
Cited Applications: WB, IF, IHC	
Species Specificity: human	
Cited Species: mouse	

Background Information

Amelotin, also named as AMTN, is a novel factor produced by ameloblasts that plays a critical role in the formation of dental enamel.

Notable Publications

Author	Pubmed ID	Journal	Application
Chang Xu	32946165	Oral Dis	IHC,WB
Cong Li	34709488	J Mol Histol	IHC,IF
Yikang Ji	33772937	Dev Dyn	IHC

Storage

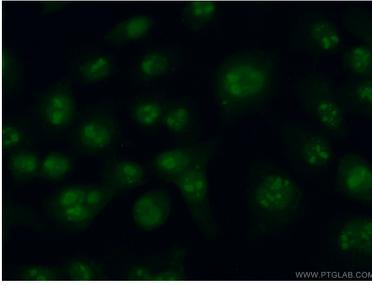
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using 24463-1-AP (AMTN antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).