

For Research Use Only

AMBN Polyclonal antibody

Catalog Number: 26501-1-AP



Basic Information

Catalog Number: 26501-1-AP	GenBank Accession Number: BC106931	Purification Method: Antigen affinity purification
Size: 400 ug/ml	GeneID (NCBI): 258	Recommended Dilutions: WB 1:500-1:1000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9NP70	
Isotype: IgG	Full Name: ameloblastin (enamel matrix protein)	
Immunogen Catalog Number: AG24129	Calculated MW: 447 aa, 48 kDa	
	Observed MW: 48-55 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells
Species Specificity: human	IF/ICC : HEK-293 cells,

Background Information

AMBN(Ameloblastin), the gene encodes the nonamelogenin enamel matrix protein ameloblastin. The encoded protein may be important in enamel matrix formation and mineralization. Mutations in this gene may be associated with dentinogenesis imperfect and autosomal dominant amylogenesis imperfect. It is expected to be located in the Vesicles, in addition localized to the Nucleoplasm, which is enriched in brain, and located at the Tomes processes of secretory ameloblasts and in the sheath space between rod-interrod enamel. The molecular weight of AMBN is 48 kDa. It also has phosphorylation modification.

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:

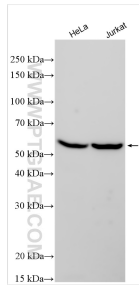
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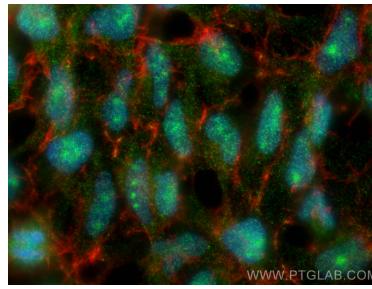
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26501-1-AP (AMBN antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using AMBN antibody (26501-1-AP) at dilution of 1:400 and Multi-Ab CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).