

For Research Use Only

SEMG2 Polyclonal antibody

Catalog Number: 31203-1-AP



Basic Information

Catalog Number:	31203-1-AP	GenBank Accession Number:	NM_003008.2	Purification Method:	Antigen affinity Purification
Concentration:	550 ug/ml	GeneID (NCBI):	6407	Recommended Dilutions:	IHC: 1:50-1:500
Source:	Rabbit	UNIPROT ID:	Q02383		
Isotype:	IgG	Full Name:	semenogelin II		
Immunogen Catalog Number:	AG35285	Calculated MW:	65kDa, 582aa		

Applications

Tested Applications:	IHC, ELISA	Positive Controls:	IHC : mouse testis tissue,
Species Specificity:	human, mouse		

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

SEMG2 genes belong to the family of cancer-testis antigens (CTAs), whose expression normally is restricted to male germ cells but is often restored in various malignancies. SEMGs were found expressed in various malignancies including prostate, lung, and renal carcinoma, as well as in some blood neoplasms (PMID: 33311447).

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

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

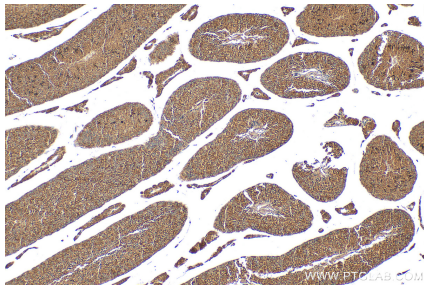
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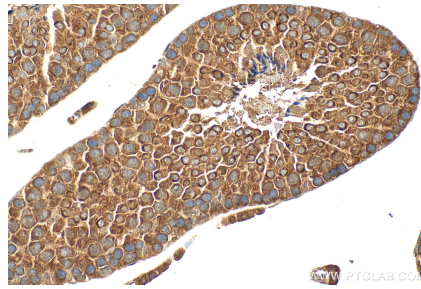
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31203-1-AP (SEMG2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31203-1-AP (SEMG2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).