

TPM4 Polyclonal Antibody

Catalog number: 13741-1-AP

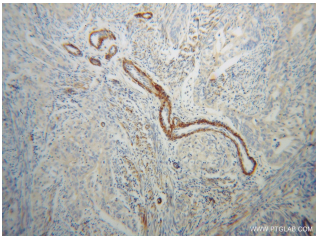
Size: 20 µg/150 µl

Source: Rabbit

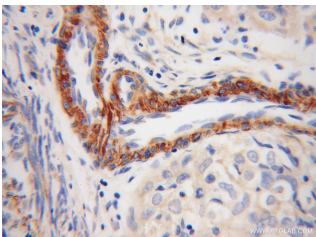
Isotype: IgG

Synonyms:

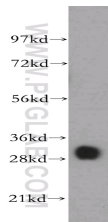
TPM4; TM30p1, TPM4,
tropomyosin 4, Tropomyosin
alpha 4 chain



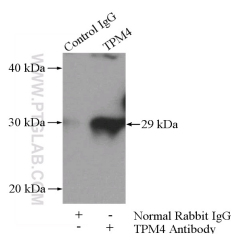
Immunohistochemical of paraffin-embedded human endometrial cancer using 13741-1-AP (TPM4 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human endometrial cancer using 13741-1-AP (TPM4 antibody) at dilution of 1:100 (under 40x lens)



mouse heart tissue were subjected to SDS PAGE followed by western blot with 13741-1-AP (TPM4 antibody) at dilution of 1:100



IP Result of anti-TPM4

Background

Tropomyosins are ubiquitous proteins of 30 to 45 kD associated with the actin filaments of myofibrils and stress fibers.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated TPM4 MW:	248aa, 29 kDa
Observed TPM4 MW:	29 kDa
Positive WB detected in:	Mouse heart tissue
Positive IP detected in:	Mouse heart tissue
Positive IHC detected in:	Human endometrial cancer tissue
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:1000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4679
GenBank accession number:	BC037576
Gene ID (NCBI):	7171
Full name:	Tropomyosin 4

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

(IP:13741-1-AP, 4ug;
Detection:13741-1-AP 1:300)
with mouse heart tissue lysate
4000ug.