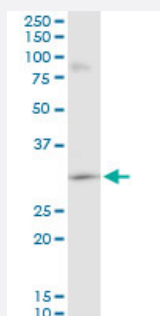


TPM3 polyclonal antibody (A01)

Catalog # H00007170-A01

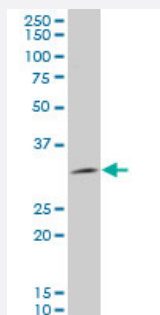
Size 50 uL

Applications



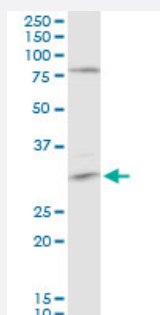
Western Blot (Cell lysate)

TPM3 polyclonal antibody (A01), Lot # Abnova060503QCS1. Western Blot analysis of TPM3 expression in PC-12.



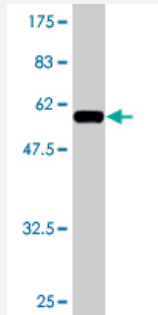
Western Blot (Cell lysate)

TPM3 polyclonal antibody (A01), Lot # Abnova060503QCS1 Western Blot analysis of TPM3 expression in HeLa (Cat # L013V1).



Western Blot (Cell lysate)

TPM3 polyclonal antibody (A01), Lot # Abnova060503QCS1. Western Blot analysis of TPM3 expression in NIH/3T3.



Western Blot detection against Immunogen (53.39 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant TPM3.
Immunogen	TPM3 (AAH15403, 1 a.a. ~ 248 a.a) full-length recombinant protein with GST tag.
Sequence	MAGITTIEAVKRKIQVLQQQADDAEERAERLQREVEGERRAREQAEAEVASLNRRRIQLVEEELDR AQERLATALQKLEEAKEKADESERGMKVNIENRALKDDEKMELQEIQKAEAKHIAEEADRKYEEVA RKLVIIEGDLERTEERAELAESRCREMDEQIRLMDQNLKRLSAAEEKYSQKEDKYEGEIKILTDKLG EAETRAEFAERSVAKLEKTIDDLKDKCTKEEHLCTQRMQLDQTLDDLNLNEM
Host	Mouse
Reactivity	Human, Mouse, Rat
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.39 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

TPM3 polyclonal antibody (A01), Lot # Abnova060503QCS1. Western Blot analysis of TPM3 expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

TPM3 polyclonal antibody (A01), Lot # Abnova060503QCS1 Western Blot analysis of TPM3 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

TPM3 polyclonal antibody (A01), Lot # Abnova060503QCS1. Western Blot analysis of TPM3 expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TPM3

Entrez GeneID [7170](#)

GeneBank Accession# [BC015403](#)

Protein Accession# [AAH15403](#)

Gene Name TPM3

Gene Alias FLJ41118, MGC14582, MGC3261, MGC72094, NEM1, OK/SW-cl.5, TM-5, TM3, TM30, TM30n m, TPMsk3, TRK, hscp30

Gene Description tropomyosin 3

Omim ID [161800 191030](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. In muscle cells, they regulate muscle contraction by controlling the binding of myosin heads to the actin filament. Mutations in this gene result in autosomal dominant nemaline myopathy, and oncogenes formed by chromosomal translocations involving this locus are associated with cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000034019|OTTHUMP00000034171|OTTHUMP00000034172|cytoskeletal tropomyosin TM30|heat-stable cytoskeletal protein 30 kDa|tropomyosin alpha-3 chain|tropomyosin gamma

Pathway

- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Myopathies](#)