

DNAXPAb

Hard-to-Find
Antibody

TPM3 DNAXPab

Catalog # H00007170-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TPM3 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAGITTIEAVKRKIQVLQQQADDAEERAERLQREVEGERRAREQAEAEVASLNRRIQLVEEELDR AQERLATALQKLEEAKEAADESERGMKVIENTRALKDEEKMELQEIQKKEAKHIAEEADRKYEEVA RKLVIIEGDLERTEERAELAESRCREMDEQIRLMDQNLKCLSAEEKYSQKEDKYEEEIKILTDKLLK EAETRAEFAERSVAKLEKTIDDLEDKLLKCTKEEHLCTQRMLDQTLDDLNLNEM
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — TPM3

Entrez GeneID	7170
GeneBank Accession#	NM_153649.2
Protein Accession#	NP_705935.1
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	<p>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]</p>
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](#)