DNAxPAb | Hard-to-Find Antibody

TPM2 DNAxPab

Catalog # H00007169-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TPM2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDAIKKKMQMLKLDKENAIDRAEQAEADKKQAEDRCKQLEEEQQALQKKLKGTEDEVEKYSES VKEAQEKLEQAEKKATDAEADVASLNRRIQLVEEELDRAQERLATALQKLEEAEKAADESERGM KVIENRAMKDEEKMELQEMQLKEAKHIAEDSDRKYEEVARKLVILEGELERSEERAEVAESKCG DLEEELKIVTNNLKSLEAQADKYSTKEDKYEEEIKLLEEKLKEAETRAEFAERSVAKLEKTIDDLED EVYAQKMKYKAISEELDNALNDITSL
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 — TPM2

Entrez GeneID	7169
GeneBank Accession#	NM_003289.3
Protein Accession#	NP_003280.2
Gene Name	TPM2
Gene Alias	AMCD1, DA1, DA2B, TMSB
Gene Description	tropomyosin 2 (beta)
Omim ID	108120 161800 190990
Gene Ontology	Hyperlink
Gene Summary	This gene encodes beta-tropomyosin, a member of the actin filament binding protein family, and mainly expressed in slow, type 1 muscle fibers. Mutations in this gene can alter the expression of other sarcomeric tropomyosin proteins, and cause cap disease, nemaline myopathy and distal art hrogryposis syndromes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene
Other Designations	OTTHUMP00000021357|arthrogryposis multiplex congenital, distal, type 1

Pathway

- Cardiac muscle contraction
- Hypertrophic cardiomyopathy (HCM)

Disease

- Arthrogryposis
- Cardiovascular Diseases
- Clubfoot
- Diabetes Mellitus
- Edema

- Genetic Predisposition to Disease