

DNAxPAb

Hard-to-Find
Antibody

MUSK DNAxPab

Catalog # H00004593-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MUSK DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRELVNIPLVHILTLVAFSGTEKLPKAPVITTPLETVDALVEEVATFMCAVESYPQPEISWTRNKILIK LFDTRYSIRENGQLLTILSVEDSDDGYCCTANNGVGGAVESCGALQVKMKPKITRPPINVKIIEGLK AVLPCTTMGNPKPSVSWIKGDSPLRENSRIAVLESGSLRIHNVQKEDAGQYRCVAKNSLGTAYSK VVKLEVEVFARILRAPESHNVTFGSFVTLHCTATGIPVPTITWIENGNAVSSGSIQESVKDRVIDSRL QLFITKPGLYTCIATNKHGEKFSTAKAAATISIAEWREYCLAVKELFCAKEWLVMEEKTHRGLYRSE MHLLSVPECSKLPMSHWDPTACARLPHLAFPPMTSSKPSVDIPNLPSSSSSSFSVSPTYSMTVII SIMSSFAIFVLLTITLYCRRRKQWKNKKRESAAVTLTLPSELLDRLHPNPMYQRMPLLLNPKL LSLEYPRNNIEYVRDIGEGAFGRVFQARAPGLLPYEPFTMVAVKMLKEEASADMQADFQREAAL MAEFDNPNV KLLGVCavgkpmcllfeymaygdlneflrsmSPHTVCslshSDLSMRAQVSSPG PPPLSCAEQLCIARQVAAGMAYLSERKFVHRDLATRNCLVGENMVVKIADFGLSRNIYSADYYKA NENDAIPRWMPPEsIFYNRYTTESDVWAYGVVLWEIFS YGLQPYYGMAHEEVYVVRDGNILSCPE NCPVELYNLMRLCWSKLPADRPSTSIHRILERM CERAEGTVSV
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 — MUSK

Entrez GeneID [4593](#)

GeneBank Accession# [EU832779.1](#)

Protein Accession# [ACE87790.1](#)

Gene Name MUSK

Gene Alias MGC126323, MGC126324

Gene Description muscle, skeletal, receptor tyrosine kinase

Omim ID [601296 608931](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Intercellular communication is often mediated by receptors on the surface of one cell that recognize and are activated by specific protein ligands released by other cells. Members of one class of cell surface receptors, receptor tyrosine kinases (RTKs), are characterized by having a cytoplasmic domain containing intrinsic tyrosine kinase activity. This kinase activity is regulated by the binding of a cognate ligand to the extracellular portion of the receptor. DeChiara et al. (1996) [PubMed 8653786] noted that the RTKs, known to be expressed in cell type-specific fashions, play a role critical for the growth and differentiation of those cell types. For example, members of the neural-specific TRK family that recognize nerve growth factor are absolutely required for the survival and development of discrete neuronal subpopulations, and the receptor tyrosine kinases TIE1 (MIM 600222) and TIE2 (MIM 600221) play a critical role in the development of normal blood vessels.[supplied by OMIM]

Other Designations protein-tyrosine kinase|receptor tyrosine kinase|skeletal muscle receptor tyrosine kinase

Disease

- [Kidney Failure](#)