



Anti-MUSK (aa 301-400) polyclonal antibody (DPAB-DC1975)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a muscle-specific tyrosine kinase receptor. The encoded protein may play a role in clustering of the acetylcholine receptor in the postsynaptic neuromuscular junction. Mutations in this gene have been associated with congenital myasthenic syndrome. Alternatively spliced transcript variants have been described.[provided by RefSeq, Oct 2009]
Immunogen	MUSK (NP_005583, 301 a.a. ~ 400 a.a) partial recombinant protein with GST tag. The sequence is ISIAEWSKPQKDNKGYCAQYRGEVCNAVLAKDALVFLNTSYADPEEAQELLVHTAWNELK VVSPVCRPAAEALLCNHIFQECSPGVVPTPIPICREYCLA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MUSK muscle, skeletal, receptor tyrosine kinase [Homo sapiens (human)]
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Official Symbol	MUSK
Synonyms	MUSK; muscle, skeletal, receptor tyrosine kinase; muscle, skeletal receptor tyrosine-protein kinase; muscle-specific kinase receptor; muscle-specific tyrosine-protein kinase receptor;
Entrez Gene ID	4593
Protein Refseq	NP_001159752
UniProt ID	O15146
Chromosome Location	9q31.3-q32
Pathway	ECM proteoglycans;
Function	ATP binding; protein binding; protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity
