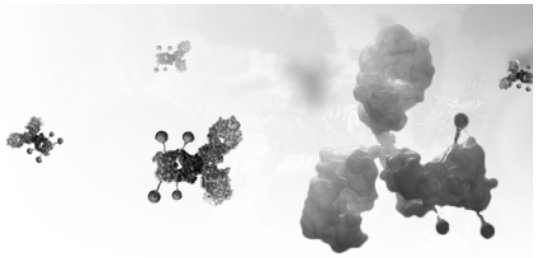

Anti-MUSK (C-terminal) polyclonal antibody (DPAB-DC785)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the protein tyrosine kinase family. The encoded protein is a type 1 receptor-like protein located in muscle membrane that is activated by the heparan sulfate proteoglycan agrin released by nerve cells. The encoded protein activates signaling cascades responsible for multiple aspects of motor neuron and muscle development, including organization of the postsynaptic membrane, synaptic gene transcription, patterning of skeletal muscle, anchoring of acetylcholinesterase, and guidance of motor axons. Alternatively spliced transcript variants encoding different isoforms have been described.
Immunogen	A synthetic peptide corresponding to C-terminus of mouse Musk.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat
Conjugate	Unconjugated
Applications	WB, ELISA,
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Preservative	0.01% Sodium Azide
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	Musk muscle, skeletal, receptor tyrosine kinase [Mus musculus (house mouse)]
Official Symbol	MUSK
Synonyms	MUSK; muscle, skeletal, receptor tyrosine kinase; Mlk; Mdk4; Nsk1; Nsk2; Nsk3; muscle, skeletal receptor tyrosine-protein kinase; muscle localized kinase 2; muscle-specific kinase receptor; muscle-specific protein kinase secretory isoform; muscle-specific tyrosine protein kinase receptor; muscle-specific tyrosine-protein kinase receptor; muscle, skeletal receptor tyrosine protein kinase;
Entrez Gene ID	18198
Protein Refseq	NP_001032204
UniProt ID	E9PVV8
Chromosome Location	4 B3; 4 31.87 cM
Pathway	ECM proteoglycans;
Function	ATP binding; PDZ domain binding; kinase activity; nucleotide binding

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