



Anti-MYLK2 (aa 161-260) polyclonal antibody (DPAB-DC3566)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle.
Immunogen	MYLK2 (NP_149109, 161 a.a. ~ 260 a.a) partial recombinant protein with GST tag. The sequence is KLLAKKPPSEASELTFEGVPMTHSPTDPRPAKAEEGKNILAESQKEVGEKTPGQAGQAKM QGDTSRGIEFQAVPSEKSEVGQALCLTAREEDCFQILDDC
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	MYLK2 myosin light chain kinase 2 [Homo sapiens (human)]
Official Symbol	MYLK2

Synonyms	MYLK2; myosin light chain kinase 2; KMLC; MLCK; MLCK2; skMLCK; myosin light chain kinase 2, skeletal/cardiac muscle; myosin light chain kinase 2, skeletal muscle;
Entrez Gene ID	85366
Protein Refseq	NP_149109
UniProt ID	Q9H1R3
Chromosome Location	20q13.31
Pathway	Calcium signaling pathway; Focal Adhesion; Focal adhesion; Gastric acid secretion.
Function	ATP binding; calmodulin binding; calmodulin-dependent protein kinase activity; myosin light chain kinase activity