



Anti-MICAL2 polyclonal antibody (DPAB-DC1592)

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

PRODUCT INFORMATION

Antigen Description	MICAL2 (microtubule associated monooxygenase, calponin and LIM domain containing 2) is a protein-coding gene. Diseases associated with MICAL2 include visceral leishmaniasis, and prostate cancer, progression of. GO annotations related to this gene include actin binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, NAD(P)H as one donor, and incorporation of one atom of oxygen. An important paralog of this gene is MICALL2.
Specificity	Specific to recombinant protein GX2518. This antibody detects mMICAL2 protein. It also recognizes human MICAL2 protein.
Immunogen	Recombinant GST fusion protein corresponding to 168 amino acids of mouse Mical2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Mical2 microtubule associated monooxygenase, calponin and LIM domain containing 2 [Mus musculus (house mouse)]
Official Symbol	MICAL2
Synonyms	MICAL2; microtubule associated monooxygenase, calponin and LIM domain containing 2; MICAL-2; mKIAA0750; 9530064J02; 5330438E18Rik; protein-methionine sulfoxide oxidase
	MICAL2; mMical2; protein MICAL-2; molecule interacting with CasL protein 2; microtubule associated monooxygenase, calponin and LIM domain containing 2;
Entrez Gene ID	320878
Protein Refseq	NP_001180234
UniProt ID	Q8BML1
Chromosome Location	7 E3; 7
Function	1-hydroxy-2-naphthoate hydroxylase activity; 1-hydroxy-2-oxolimonene 1,2-monooxygenase activity; 1-methylnaphthalene hydroxylase activity; 2-hydroxy-phenylacetate hydroxylase activity