

Datasheet for ABIN190791
anti-IFIH1 antibody (Internal Region)



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Overview

Quantity:	100 µg
Target:	IFIH1
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IFIH1 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	MDA5 / Ifih1 (mouse)
Immunogen:	Peptide with sequence C-KQKLRRNDLKKQN, from the internal region of the protein sequence according to NP_082111.1.
Sequence:	KQKLRRNDLK KQN
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	IFIH1
Alternative Name:	Ifih1
Background:	Ifih1, interferon induced with helicase C domain 1, 9130009C22Rik, Helicard, Hlcd, MDA-5, MDA5, MGC90959, melanoma differentiation associated protein-5
Gene ID:	71586
NCBI Accession:	NP_082111
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 80 kDa band in Mouse Brain lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 116 kDa Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.