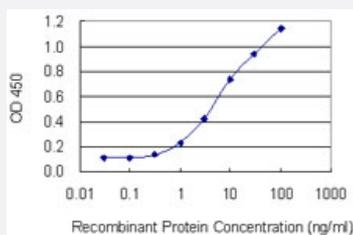


KIRREL3 monoclonal antibody (M02), clone 3A12

Catalog # H00084623-M02

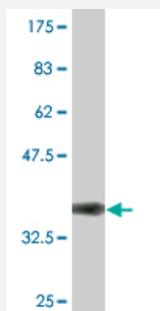
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KIRREL3 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant KIRREL3.

Immunogen

KIRREL3 (NP_115920.1, 679 a.a. ~ 778 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

YSTLSGQGRLYDYGQRFVLGMGSSSIELCEREFQRGSLSDSSSFLDTQCDSVSSSGKQDGYVQ
FDKASKASASSSHHSQSSSQNSDPSRPLQRRMQTHV

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KIRREL3 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KIRREL3

Entrez GeneID	84623
GeneBank Accession#	NM_032531
Protein Accession#	NP_115920.1
Gene Name	KIRREL3
Gene Alias	KIAA1867, KIRRE, MGC126824, MGC126850, NEPH2, PRO4502
Gene Description	kin of IRRE like 3 (Drosophila)
Omim ID	607761
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the nephrin-like protein family. These proteins are expressed in fetal and adult brain, and also in podocytes of kidney glomeruli. The cytoplasmic domains of these proteins interact with the C-terminus of podocin, also expressed in the podocytes, cells involved in ensuring size- and charge-selective ultrafiltration. Mutations in this gene are associated with mental retardation autosomal dominant type 4 (MRD4). Alternatively spliced transcript variants encoding different isoforms have been found for this gene

Other Designations

kin of IRRE like 3

Disease

- [Tobacco Use Disorder](#)