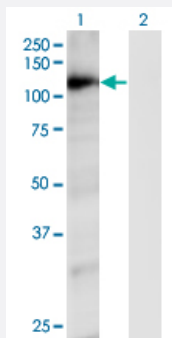


RAPGEF4 monoclonal antibody (M01), clone 1C11

Catalog # H00011069-M01

Size 100 ug

Applications

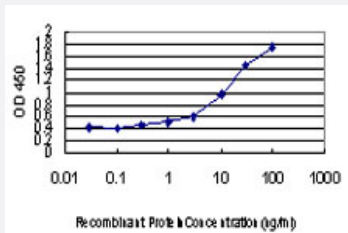


Western Blot (Transfected lysate)

Western Blot analysis of RAPGEF4 expression in transfected 293T cell line by RAPGEF4 monoclonal antibody (M01), clone 1C11.

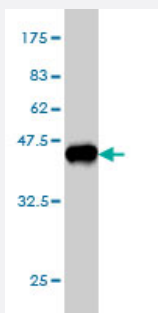
Lane 1: RAPGEF4 transfected lysate (Predicted MW: 115.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RAPGEF4 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RAPGEF4.

Immunogen	RAPGEF4 (AAH24004, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVAAHAAHSSSSSAEWIACLDKRPLERSSEVDIIFTRLKEVKAFEK FHPNLLHQICLCGYENLEK GITLFRQGDIGTNWYAVLAGSLDVKVSETSSHQDAVTICTLGIG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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 (Transfected lysate)

Western Blot analysis of RAPGEF4 expression in transfected 293T cell line by RAPGEF4 monoclonal antibody (M01), clone 1C11.

Lane 1: RAPGEF4 transfected lysate (Predicted MW: 115.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RAPGEF4 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RAPGEF4

Entrez GeneID	11069
GeneBank Accession#	BC024004
Protein Accession#	AAH24004
Gene Name	RAPGEF4
Gene Alias	CAMP-GEFII, CGEF2, EPAC2, Nbla00496
Gene Description	Rap guanine nucleotide exchange factor (GEF) 4
Omim ID	606058
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000165043 OTTHUMP00000165045 RAP guanine-nucleotide-exchange factor (G EF) 4 cAMP-regulated guanine nucleotide exchange factor II exchange protein directly activated b y cAMP 2 putative protein product of Nbla00496

Pathway

- [Leukocyte transendothelial migration](#)

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Osteoporosis](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)