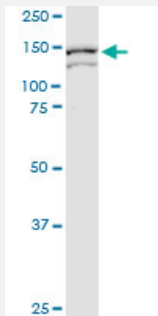


ARHGEF11 monoclonal antibody (M02), clone 2F4

Catalog # H00009826-M02

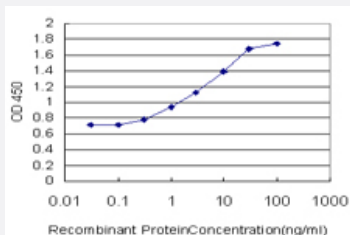
Size 100 ug

Applications



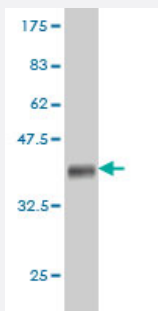
Western Blot (Tissue lysate)

ARHGEF11 monoclonal antibody (M02), clone 2F4. Western Blot analysis of ARHGEF11 expression in human colon.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARHGEF11 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ARHGEF11.

Immunogen	ARHGEF11 (AAH57394, 651 a.a. ~ 750 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RSESLKGREEMKRSRKAENVPRSRSDVDMDDAAAEATRLHQSASSSTSSLSTRSLENPTPPFTP KMGRRSIESPSLGFCTDTLLPHLLEDDLGLSDLEPE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (93)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 (Tissue lysate)

ARHGEF11 monoclonal antibody (M02), clone 2F4. Western Blot analysis of ARHGEF11 expression in human colon.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARHGEF11 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ARHGEF11

Entrez GeneID [9826](#)

GeneBank Accession#	BC057394
Protein Accession#	AAH57394
Gene Name	ARHGEF11
Gene Alias	DKFZp667F1223, GTRAP48, KIAA0380, PDZ-RHOGEF
Gene Description	Rho guanine nucleotide exchange factor (GEF) 11
Omim ID	605708
Gene Ontology	Hyperlink
Gene Summary	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. A similar protein in rat interacts with glutamate transporter EAAT4 and modulates its glutamate transport activity. Expression of the rat protein induces the reorganization of the actin cytoskeleton and its overexpression induces the formation of membrane ruffling and filopodia. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000038716 OTTHUMP00000038717 Rho guanine exchange factor (GEF) 11 RhoA-specific guanine nucleotide exchange factor RhoGEF glutamate transport modulator glutamate transporter EAAT4-associated protein 48

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Cell Transformation](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)