

Datasheet for ABIN453207

anti-PLEKHG6 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	PLEKHG6
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHG6 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human MyoGEF
Specificity:	This antibody reacts to MyoGEF.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	PLEKHG6
Alternative Name:	MyoGEF (PLEKHG6 Products)
Background:	Guanine nucleotide exchange factor activating the small GTPase RHOA, which, in turn, induces myosin filament formation. It Also activates RHOG and does not activate RAC1, or to a much lower extent than RHOA and RHOG. Its part of a functional unit, involving PLEKHG6, MYH10 and RHOA, at the cleavage furrow to advance furrow ingression during cytokinesis. In epithelial

Target Details

cells, It is required for the formation of microvilli and membrane ruffles on the apical pole. Along with EZR, it is required for normal macropinocytosis.Synonyms: Myosin-interacting guanine nucleotide exchange factor, PLEKHG6, Pleckstrin homology domain-containing family G member 6

Gene ID: 55200

NCBI Accession: [NP_001138328](#)

UniProt: [Q3KR16](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

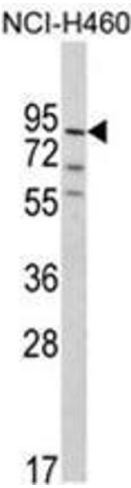
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of MyoGEF Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). MyoGEF (arrow) was detected using the purified Pab.