

Datasheet for ABIN2790252
anti-GMIP antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	GMIP
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GMIP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human GMIP
Sequence:	PGPDPQHHST LEQHPTATPT EIPTPQSDQR EDVAEDTKDG GGEVSSQGPE
Predicted Reactivity:	Dog: 86%, Horse: 93%, Human: 100%, Rabbit: 85%
Characteristics:	This is a rabbit polyclonal antibody against GMIP. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GMIP
Alternative Name:	GMIP (GMIP Products)
Background:	This gene encodes a member of the ARHGAP family of Rho/Rac/Cdc42-like GTPase activating

Target Details

proteins. The encoded protein interacts with the Ras-related protein Gem through its N-terminal domain. Separately, it interacts with RhoA through a RhoGAP domain, and stimulates RhoA-dependent GTPase activity. Alternatively spliced variants that encode different protein isoforms have been described but their full-length nature has not been determined.

Alias Symbols: ARHGAP46

Protein Interaction Partner: UBC, GEM, RHOA,

Protein Size: 970

Molecular Weight: 107 kDa

Gene ID: 51291

NCBI Accession: [NM_016573](#), [NP_057657](#)

UniProt: [Q9P107](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 970 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

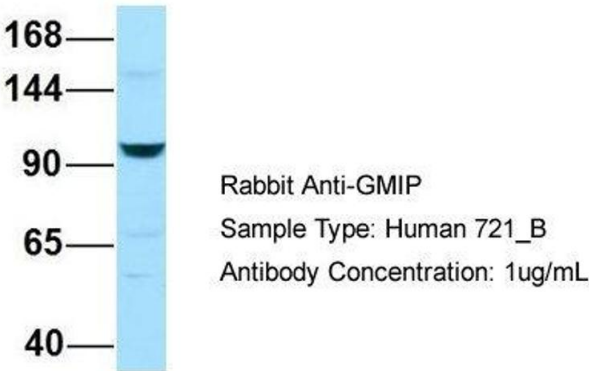
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

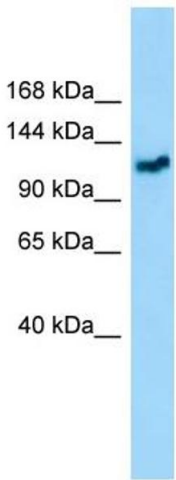
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

GMIP



Western Blotting

Image 1. Host: Rabbit Target Name: GMIP Sample Type: Human 721_B Antibody Dilution: 1.0ug/ml GMIP is supported by BioGPS gene expression data to be expressed in 721_B



Western Blotting

Image 2. WB Suggested Anti-GMIP Antibody Titration: 1.0 ug/ml Positive Control: COLO205 Whole Cell