

Datasheet for ABIN1885956

**anti-RASGRP4 antibody (AA 108-170)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	RASGRP4
Binding Specificity:	AA 108-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASGRP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Synthetic peptide contain a sequence corresponding to a region within amino acids 108 and 170 of Human RASGRP4
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	RASGRP4
Alternative Name:	RASGRP4 ( <a href="#">RASGRP4 Products</a> )
Background:	The protein encoded by this gene is a member of the Ras guanyl nucleotide-releasing protein (RasGRP) family of Ras guanine nucleotide exchange factors. It contains a Ras exchange motif, a diacylglycerol-binding domain, and two calcium-binding EF hands. This protein was shown to activate H-Ras in a cation-dependent manner in vitro. Expression of this protein in myeloid cell

## Target Details

lines was found to be correlated with elevated level of activated RAS protein, and the RAS activation can be greatly enhanced by phorbol ester treatment, which suggested a role of this protein in diacylglycerol regulated cell signaling pathways. Studies of a mast cell leukemia cell line expressing substantial amounts of abnormal transcripts of this gene indicated that this gene may play an important role in the final stages of mast cell development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Molecular Weight:	75 kDa
Gene ID:	115727
NCBI Accession:	<a href="#">NM_170604</a> , <a href="#">NP_733749</a>
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.500-1.3000 Immunohistochemistry: 1.100-1.250 Immunofluorescence: 1.100-1.200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.