

Datasheet for ABIN2789029  
**anti-RASGRP4 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	RASGRP4
Binding Specificity:	N-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASGRP4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	FWATVAREGN SAQRRLGDSS DLLSPGGPGP PLPMSSPGLG KKRKVSLLFD
Predicted Reactivity:	Human: 100%, Pig: 92%
Characteristics:	This is a rabbit polyclonal antibody against RASGRP4. It was validated on Western Blot.
Purification:	Affinity Purified

## 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,

## Target Details

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 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.

Alias Symbols: -

Protein Interaction Partner: HRAS, RAP1A,

Protein Size: 576

Molecular Weight: 63 kDa

Gene ID: 115727

NCBI Accession: [NM\\_001146207](#), [NP\\_001139679](#)

UniProt: [C0LTP7](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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

Comment: Antigen size: 576 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.

Handling

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.

Images


90 kDa\_\_

65 kDa\_\_

40 kDa\_\_

29 kDa\_\_

22 kDa\_\_



Rabbit Anti-RASGRP4 Antibody

Catalog Number: ARP62124

Lot Number: QC32882

Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1.