Datasheet for ABIN392663

anti-GRAF antibody (AA 237-267)

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1 Image

Overview

Quantity:	400 µL
Target:	GRAF (ARHGAP26)
Binding Specificity:	AA 237-267
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRAF antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GRAF (OPHN1L) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 237-267 amino acids from the Central region of human GRAF (OPHN1L).
Clone:	RB3722
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GRAF (ARHGAP26)

Target Details

Alternative Name:	GRAF (OPHN1L) (ARHGAP26 Products)
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.
Molecular Weight:	92235
Gene ID:	23092
NCBI Accession:	NP_001129080, NP_055886
UniProt:	Q9UNA1

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

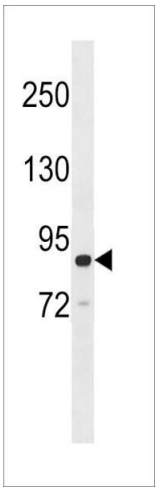
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

Handling

	aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Images



Western Blotting

Image 1. GRAF (OPHN1L) Antibody (Center) (ABIN392663 and ABIN2842161) western blot analysis in Ramos cell line lysates (35 µg/lane).This demonstrates the OPHN1L antibody detected the OPHN1L protein (arrow).