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Datasheet for ABIN7118493
anti-ARHGEF4 antibody

Overview

Quantity:	100 µg
Target:	ARHGEF4
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Rho guanine nucleotide exchange factor(GEF) 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ARHGEF4
Alternative Name:	ARHGEF4 (ARHGEF4 Products)
Background:	Synonyms:KIAA1112 Background:Acts as guanine nucleotide exchange factor(GEF) for RHOA, RAC1 and CDC42 GTPases. Binding of APC may activate RAC1 GEF activity. The APC-ARHGEF4 complex seems to be involved in cell migration as well as in E-cadherin-mediated cell-cell adhesion. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal

Target Details

tumor cells. Involved in tumor angiogenesis and may play a role in intestinal adenoma formation and tumor progression.

Molecular Weight: 72 kDa

Gene ID: 50649

UniProt: [Q9NR80](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months