



Datasheet for ABIN966930 anti-RAB25 antibody



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1 Publication

Overview

Quantity:	0.1 mg
Target:	RAB25
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Isotype:	IgG2a
Specificity:	Ni-NTA purified recombinant Rab25 expressed in E. Coli strain BL21 (DE3)
Purification:	Antibodies are purified by protein A affinity chromatography

Target Details

Target:	RAB25
Alternative Name:	Rab25 (RAB25 Products)
Background:	Members of the Ras-related superfamily of GTP binding proteins, which includes Ras, Rho, Rab and ARF subfamilies, exhibit 30-50% similarity with Ras p21. Rab proteins play an important role for either in endocytosis or in biosynthetic protein transport. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% similar to Rab proteins, is associated with secretory vesicles. Rab proteins located on the cytoplasmic face of

Target Details

organelles and vesicles, rab proteins are involved in intracellular membrane fusion reactions. Rab25 was cloned from a gastric parietal cell cDNA library and is expressed in epithelial tissues such as the gastrointestinal mucosae, kidney, and lung, which encoded a protein of 28 kDa

Gene ID: 57111

Application Details

Application Notes: Western Blot: 1: 500- 1: 2,000
IHC(P): 1: 500- 1: 2,000
IHC(F): 1: 500- 1: 2,000
ELISA: Propose dilution 1: 10,000.
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Buffer: PBS with 0.2%BSA

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

Publications

Product cited in: Leitinger, Kwan: "The discoidin domain receptor DDR2 is a receptor for type X collagen." in: **Matrix biology : journal of the International Society for Matrix Biology**, Vol. 25, Issue 6, pp. 355-64, (2006) ([PubMed](#)).

Shyu, Chao, Wang, Kuan: "Regulation of discoidin domain receptor 2 by cyclic mechanical stretch in cultured rat vascular smooth muscle cells." in: **Hypertension**, Vol. 46, Issue 3, pp. 614-21, (2005) ([PubMed](#)).

Neale, Kenny, Gershwin: "Cloning and sequencing of protein kinase cDNA from harbor seal (*Phoca vitulina*) lymphocytes." in: **Clinical & developmental immunology**, Vol. 11, Issue 2, pp. 157-63, (2004) ([PubMed](#)).