



Anti-PACS2 polyclonal antibody (CABT-B8889)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	human PACS2 peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification.
Conjugate	Unconjugated
Applications	ELISA, WB, IP, IF
Format	Liquid
Size	150 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction	PACS2 (phosphofurin acidic cluster sorting protein 2) is a protein-coding gene. Diseases associated with PACS2 include kaposi's sarcoma, and sarcoma. An important paralog of this gene is PACS1. Multifunctional sorting protein that controls the endoplasmic reticulum (ER)-mitochondria communication, including the apposition of mitochondria with the ER and ER homeostasis. In addition, in response to apoptic inducer, translocates BIB to mitochondria, which initiates a sequence of events including the formation of mitochondrial truncated BID, the
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release of cytochrome c, the activation of caspase-3 thereby causing cell death. May also be involved in ion channel trafficking, directing acidic cluster-containing ion channels to distinct subcellular compartments.

GENE INFORMATION

Entrez Gene ID	23241
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UniProt ID	Q86VP3
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