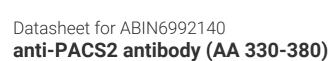
antibodies -online.com







THE SEASON TO SE
Go to Product page

Overview	
Quantity:	0.1 mg
Target:	PACS2
Binding Specificity:	AA 330-380
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PACS2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)
Product Details	
Immunogen:	PACS2 antibody was raised against a 17 amino acid peptide near the center of human PACS2. The immunogen is located within amino acids 330 - 380 of PACS2.
Isotype:	IgG
Specificity:	PACS2 antibody is human, mouse and rat reactive. At least three isoforms of PACS2 are known to exist, this antibody will detect all three. PACS2 antibody is predicted to not cross-react with PACS1.
Purification:	PACS2 antibody is affinity chromatography purified via peptide column.
Target Details	
Target:	PACS2

Target Details

Alternative Name:	PACS2 (PACS2 Products)
Background:	PACS2 (phosphofurin acidic cluster sorting protein-2), PACS1L, is an 889 amino acid protein
	that localizes to both the mitochondrion and the lumen of the endoplasmic reticulum (ER) and
	belongs to the PACS family (1,2). It is expressed in a broad range of tissues with highest
	expression in skeletal muscle, brain, heart, testis and pancreas (2,). PACS2 interacts with
	Polycystin-2 and BID and functions as a sorting protein that regulates mitochondria-ER
	communication and is thought to be involved in ion channel trafficking, specifically direct
	cluster-containing ion channels to distinct subcellular compartments (3-5).
Molecular Weight:	Predicted: 98 kDa
	Observed: 95 kDa
Gene ID:	23241
NCBI Accession:	NP_056012
UniProt:	Q86VP3
Application Details	
Application Notes:	PACS2 antibody can be used for detection of PACS2 by Western blot at 1 - 2 μ,g/mL. Antibody
	can also be used for immunohistochemistry starting at 5 μ ,g/mL.
	Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples
	and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PACS2 antibody is supplied in PBS containing 0.02 % 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:	-20 °C,4 °C

Storage Comment:

PACS2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.