# antibodies .- online.com







# anti-PACS2 antibody (Middle Region)



Image



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Quantity:	100 μL
Target:	PACS2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PACS2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PACS2
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human PACS2  AHQLPIAEAM LTYKQKSPDE ESSQKFIPFV GVVKVGIVEP SSATSGDSDD
Sequence:	AHQLPIAEAM LTYKQKSPDE ESSQKFIPFV GVVKVGIVEP SSATSGDSDD  Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%,
Sequence: Predicted Reactivity:	AHQLPIAEAM LTYKQKSPDE ESSQKFIPFV GVVKVGIVEP SSATSGDSDD  Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 86%  This is a rabbit polyclonal antibody against PACS2. It was validated on Western Blot using a cell
Sequence:  Predicted Reactivity:  Characteristics:	AHQLPIAEAM LTYKQKSPDE ESSQKFIPFV GVVKVGIVEP SSATSGDSDD  Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 86%  This is a rabbit polyclonal antibody against PACS2. It was validated on Western Blot using a cell lysate as a positive control.

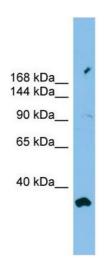
## Target Details

Alternative Name:	PACS2 (PACS2 Products)		
Background:	PACS2 is the 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, PACS2 translocates BIB to		
	mitochondria, which initiates a sequence of events including the formation of mitochondrial		
	truncated BID, the release of cytochrome c, the activation of caspase-3 thereby causing cell		
	death.PACS2 may also be involved in ion channel trafficking, directing acidic cluster-containing		
	ion channels to distinct subcellular compartments.		
	Alias Symbols: FLJ25488, KIAA0602, PACS1L, PACS-2		
	Protein Interaction Partner: UBC, TRAF2, BIRC3, BIRC2, PKD2, BID,		
	Protein Size: 889		
Molecular Weight:	98 kDa		
Gene ID:	23241		
NCBI Accession:	NM_015197, NP_056012		
UniProt:	Q86VP3		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 889 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %		
	sucrose.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Handling Advice:	Avoid repeated freeze-thaw cycles.		

### Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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#### Images



#### **Western Blotting**

**Image 1.** WB Suggested Anti-PACS2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: A549 cell lysate