

Rabbit PKR1 Polyclonal Antibody | anti-PKR1 antibody

PKR1 Antibody

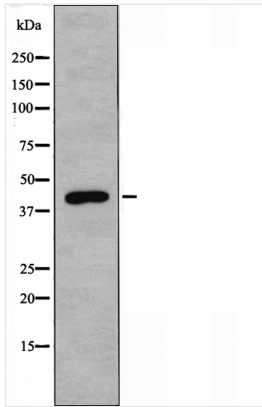
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325745	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

PKR1; Polyclonal Antibody; PKR1 Antibody; EG-VEGF receptor; G protein coupled receptor 73; G protein coupled receptor ZAQ; G-protein coupled receptor 73; G-protein coupled receptor ZAQ; GPR73; GPR73a; PK R1; PK-R1; PKR1_HUMAN; Prokineticin receptor 1; PROKR1; zaq; anti-PKR1 antibody

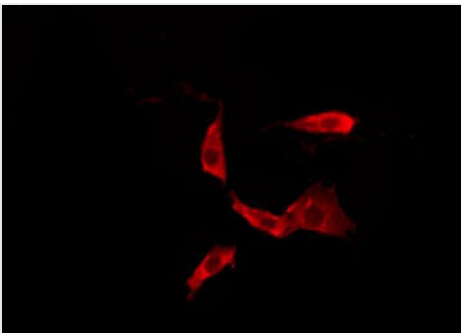
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PKR1 antibody detects endogenous levels of total PKR1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	393
Applicable Applications for anti-PKR1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Localizes to glandular epithelium, stroma and vascular endothelial cells of first trimester decidua (at protein level). Up-regulated in first trimester decidua when compared with non-pregnant endometrium. Expressed in the stomach, throughout the small intestine, colon, rectum, thyroid gland, pituitary gland, salivary gland, adrenal gland, testis, ovary, brain, spleen, prostate and pancreas.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)

Western blot analysis of extracts from COLO cells, using PKR1 antibody.



IF (Immunofluorescence)

AAA325745 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PKR1 antibody	Function: Receptor for prokineticin 1. Exclusively coupled to the G(q) subclass of heteromeric G proteins. Activation leads to mobilization of calcium, stimulation of phosphoinositide turnover and activation of p44/p42 mitogen-activated protein kinase. May play a role during early pregnancy. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20373179
NCBI GeneID	10887
NCBI Accession #	NP_620414.1
NCBI GenBank Nucleotide #	NM_138964.3
UniProt Accession #	Q8TCW9; Q53QT9; Q8NFI7; A5JUU2
Molecular Weight	Observed: 45 kD Predicted: 45 kDa
NCBI Official Full Name	prokineticin receptor 1
NCBI Official Synonym Full Names	prokineticin receptor 1
NCBI Official Symbol	PROKR1
NCBI Official Synonym Symbols	ZAQ; PKR1; GPR73; PK-R1; GPR73a
NCBI Protein Information	prokineticin receptor 1
UniProt Protein Name	Prokineticin receptor 1
UniProt Gene Name	PROKR1
UniProt Synonym Gene Names	GPR73; PKR1; PK-R1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.