

PKR1 Polyclonal Antibody

Catalog # AP71965

Product Information

Application	WB, IF, ICC, E, IHC-P
Primary Accession	Q8TCW9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44770

Additional Information

Gene ID	10887
Other Names	PROKR1; GPR73; PKR1; Prokineticin receptor 1; PK-R1; G-protein coupled receptor 73; G-protein coupled receptor ZAQ; GPR73a
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

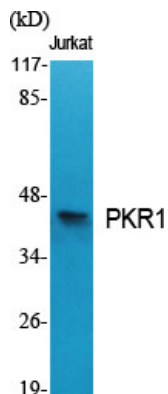
Protein Information

Name	PROKR1
Synonyms	GPR73, PKR1
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.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	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.

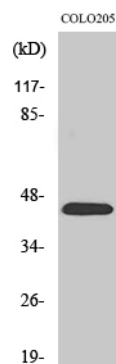
Background

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.

Images



Western Blot analysis of various cells using PKR1 Polyclonal Antibody



Western Blot analysis of COLO205 cells using PKR1 Polyclonal Antibody

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