ARG58964
anti-PIGR antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PIGR
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PIGR
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 661-764 of Human PIGR (NP_002635.2).
Conjugation	Un-conjugated
Alternate Names	Polymeric immunoglobulin receptor; Hepatocellular carcinoma-associated protein TB6; PIgR; Poly-Ig receptor

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: SGC-7901

Observed Size: 110 kDa

Properties

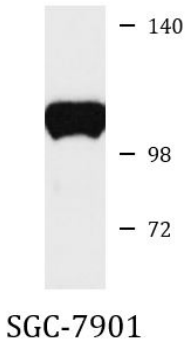
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PIGR
Gene Full Name	polymeric immunoglobulin receptor
Background	This gene is a member of the immunoglobulin superfamily. The encoded poly-Ig receptor binds polymeric immunoglobulin molecules at the basolateral surface of epithelial cells; the complex is then transported across the cell to be secreted at the apical surface. A significant association was found between immunoglobulin A nephropathy and several SNPs in this gene.[provided by RefSeq, Sep 2009]
Function	This receptor binds polymeric IgA and IgM at the basolateral surface of epithelial cells. The complex is then transported across the cell to be secreted at the apical surface. During this process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment. [UniProt]
Calculated Mw	83 kDa
PTM	N-glycosylation is not necessary for Ig binding. [UniProt]
Cellular Localization	Cell membrane, Single-pass type I membrane protein, Secreted. [UniProt]

Images



ARG58964 anti-PIGR antibody WB image

Western blot: 25 µg of SGC-7901 cell lysate stained with ARG58964 anti-PIGR antibody at 1:1000 dilution.