



PIGR Polyclonal Antibody

Catalog No	YP-Ab-06891
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	PIGR
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PIGR Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Secretory component;Poly-Ig receptor;Poly Ig receptor;Hepatocellular carcinoma-associated protein TB6;PIGR;Polymeric immunoglobulin receptor (PIgR) (Poly-Ig receptor) (Hepatocellular carcinoma-associated protein TB6) [Cleaved into: Secretory component]
Observed Band	84kD
Calculated Molecular Weight	764 aa, 83 kDa
Cell Pathway	[Polymeric immunoglobulin receptor]: Cell membrane ; Single-pass type I membrane protein .; [Secretory component]: Secreted .
Tissue Specificity	Bile,Liver,Milk,Plasma,Saliva,Small intestine,
Function	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.,PTM:N-glycosylation is not necessary for Ig binding., similarity:Contains 5 Ig-like V-type (immunoglobulin-like) domains.,

Background

polymeric immunoglobulin receptor(PIGR) Homo sapiens 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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images