

## PIGZ rabbit pAb

<b>Catalog No :</b>	YT6506
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	PIGZ
<b>Fields :</b>	>>Glycosylphosphatidylinositol (GPI)-anchor biosynthesis
<b>Gene Name :</b>	PIGZ SMP3
<b>Protein Name :</b>	PIGZ
<b>Human Gene Id :</b>	80235
<b>Human Swiss Prot No :</b>	Q86VD9
<b>Mouse Gene Id :</b>	239827
<b>Mouse Swiss Prot No :</b>	Q8BTP0
<b>Immunogen :</b>	Synthesized peptide derived from human PIGZ AA range: 251-301
<b>Specificity :</b>	This antibody detects endogenous levels of PIGZ at Human/Mouse
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 64kD

**Background :**

The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells that serves to anchor proteins to the cell surface. This gene encodes a protein that is localized to the endoplasmic reticulum, and is involved in GPI anchor biosynthesis. As shown for the yeast homolog, which is a member of a family of dolichol-phosphate-mannose (Dol-P-Man)-dependent mannosyltransferases, this protein can also add a side-branching fourth mannose to GPI precursors during the assembly of GPI anchors. [provided by RefSeq, Jul 2008],

**Function :**

caution:It is uncertain whether Met-1 or Met-32 is the initiator.,function:Mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers a fourth mannose to some trimannosyl-GPIs during GPI precursor assembly. The presence of a fourth mannose in GPI is facultative and only scarcely detected, suggesting that it only exists in some tissues.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the glycosyltransferase 22 family. PIGZ subfamily.,tissue specificity:Widely expressed at low level, with highest level in brain and colon.,

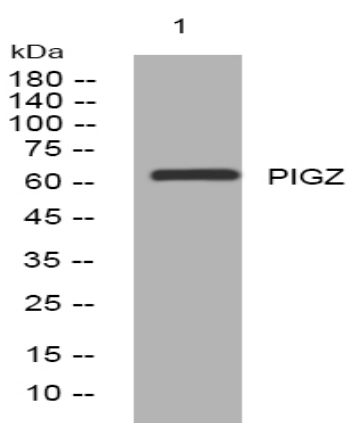
**Subcellular Location :**

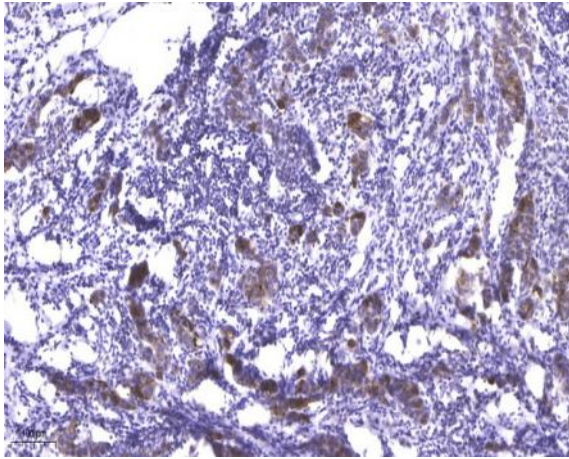
Endoplasmic reticulum membrane ; Multi-pass membrane protein .

**Expression :**

Widely expressed at low level, with highest level in brain and colon.

## Products Images





Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).