



Rabbit Anti-PL6 antibody

SL13697R

Product Name:	PL6
Chinese Name:	胎盘蛋白6抗体
Alias:	TMEM115; transmembrane protein 115; PP6; Placental protein 6; TM115_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PL6:201-300/351
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Transmembrane proteins contain transmembrane domains that are usually characterized by alpha-helical structures. Transmembrane proteins exist as thermodynamically stable hetero- and homodimers that interact with the lipid bilayer and are involved in both material exchange and communication between the cell and the environment. PL6 is a 351 amino acid multi-pass membrane protein that is highly expressed in kidney and skeletal muscle with lower levels of expression detected in liver, placenta, prncreas, lung, heart and brain. PL6 contains one phosphoserine residue and several

transmembrane domains, suggesting that it may participate in protein exchange and signaling events between cells.

Function:

PL6 is an integral membrane protein with signal transduction activity.

Subcellular Location:

Membrane; Multi-pass membrane protein

SWISS:

Q12893

Gene ID:

11070

Database links:

[Entrez Gene: 11070](#) Human

[Entrez Gene: 532459](#) Cow

[Entrez Gene: 56395](#) Mouse

[NCBI: 5902022](#) Human

[SwissProt: A4FUB8](#) Cow

[SwissProt: Q12893](#) Human

[SwissProt: Q9WUH1](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.