SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-TSPAN9/Biotin Conjugated antibody

SL9448R-Bio

Product Name	Anti-TSPAN9/Biotin
Chinese Name	生物素标记的四分子交联体 9/四旋蛋白抗体
Alias	Tetraspanin 9; NET 5; NET5; PP1057; Tetraspan NET 5; Tetraspan NET-5; Tetraspanin-9; Transmembrane 4 superfamily member tetraspan NET 5; TSN9_HUMAN; Tspan-9; TSPAN9.
Research Area	Cell biology Channel protein Cell Surface Molecule Cell differentiation
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Dog,Pig,Rabbit)
Applications	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	27kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human TSPAN9
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** The tetraspanin family is a group of cell surface proteins that regulate cell development, activation, growth and motility. Each member contains four hydrophobic domains and participates in the mediation of signal transduction. NET-5, also known as TSPAN9 (tetraspanin 9), is a 239 amino acid multi-pass

membrane protein that belongs to the tetraspanin (TM4SF) family. NET-5 forms a complex with GPVI in the tetraspanin microdomains on the platelet surface, and is encoded by a gene that maps to human chromosome 12p13.33. Chromosome 12 encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.

Subunit:
Found in a complex with GP6.

Subcellular Location:
Membrane; Multi-pass membrane protein.

Tissue Specificity:
Expressed in megakaryocytes and platelets.

Similarity:
Belongs to the tetraspanin (TM4SF) family.

Database links:

Entrez Gene: 10867 Human

Omim: 613137 Human

SwissProt: O75954 Human

Unigene: 504517 Human

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