SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C6orf25 antibody

Catalog Number: SL15245R

FOR RESEARCH USE ONLY

[DATASHEET]

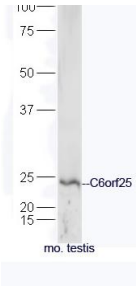
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C6orf25
Immunogen:	KLH conjugated synthetic peptide derived from human C6orf25: 1-100/241 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Cow,Sheep)
Predicted MW.:	24kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	C6orf25 is a member of the immunoglobulin (Ig) superfamily and is located in the major histocompatibility complex (MHC) class III region. It is a glycosylated, plasma membrane-bound cell surface receptor, but soluble isoforms encoded by some transcript variants have been found in the endoplasmic reticulum and Golgi before being secreted. Multiple transcript variants encoding different isoforms have been found for this gene. **Function:** Inhibits platelet aggregation and activation by agonists such as ADP and collagen-related peptide. Appears to operate in a calcium-independent manner. Isoform B is a putative inhibitory receptor. Isoform A may be its activating counterpart. **Subunit:** Interacts with PTPN6 and PTPN11. Binds to heparin. **Subcellular Location:** Isoform E: Endoplasmic reticulum. Golgi apparatus. Isoform D: Endoplasmic reticulum. Golgi apparatus. Isoform B: Cell membrane; Single-pass type I membrane protein.

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

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	Isoform A: Cell membrane; Single-pass type I membrane protein. **Tissue Specificity:** Expressed in a restricted set of hematopoietic cell lines including the erythroleukemia cell line K-562 and the T-cell leukemia cell lines MOLT-4 and Jurkat. Not detected in the monocyte-like cell line U-937, the B-cell-like cell line Raji, the fibroblast cell lines TK and HeLa, or the natural killer cell lines NKL, NK 62 and YT. Expressed in platelets. **Post-translational modifications:** All isoforms are N-glycosylated. Isoform E is O-glycosylated. **Database links:** **Entrez Gene:** 80739 Human Omim: 606520 Human **SwissProt:** O95866 Human

[VALIDATION IMAGES]



Protein: mouse testis lysate;
Primary: rabbit Anti-C6orf25 (SL15245R) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL0295G-HRP) at 1: 5000;
Predicted band size: 24 kD
Observed band size: 24 kD

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