SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C20orf186 antibody

Catalog Number: SL15102R

FOR RESEARCH USE ONLY

[DATASHEET]

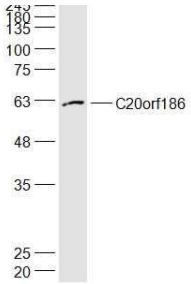
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C20orf186
Immunogen:	KLH conjugated synthetic peptide derived from human C20orf186: 501-600/614
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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,Dog,Horse)
Predicted MW.:	63kDa
Subcellular Location:	cytoplasmic Secretory protein
Background:	LPLUNC4 is a 614 amino acid secreted protein that belongs to the BPI/LBP/PLUNC superfamily. Expressed in nasal tissue, LPLUNC4 has the capacity to recognize and bind specific classes of odorants serving as a primary defense mechanism in the mucosa. LPLUNC4 is encoded by a gene which maps to a BPI/LBP/PLUNC gene cluster on human chromosome 20. Comprising approximately 2% of the human genome, chromosome 20 contains nearly 63 million bases that encode over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome **Function:** May have the capacity to recognize and bind specific classes of odorants. May act as a carrier molecule, transporting odorants across the mucus layer to access receptor sites. May serve as a primary defense mechanism by recognizing and removing potentially harmful odorants or

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	pathogenic microorganisms from the mucosa or clearing excess odorant from mucus to enable new odorant stimuli to be received (By similarity). **Subcellular Location:** Secreted (By similarity). Cytoplasm. **Tissue Specificity:** Expressed in nasal tissue. **Similarity:** Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family. **Database links:** **Entrez Gene:** 149954 Human **Entrez Gene:** 499925 Rat **SwissProt:** P59827 Human **SwissProt:** Q05704 Rat **Unigene:** 38961 Human **Unigene:** 117356 Rat

[VALIDATION IMAGES]



Sample:
Cartilage (Mouse) Lysate at 40 ug
Primary: Anti-C20orf186 (SL15102R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 63 kD
Observed band size: 62 kD

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