

C20orf186 Rabbit pAb

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Catalog # AP55799

Product Information

Application	WB
Primary Accession	P59827
Reactivity	Mouse
Predicted	Rat, Dog, Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65055
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C20orf186
Epitope Specificity	501-600/614
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted (By similarity). Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	□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

Additional Information

Gene ID	149954
Other Names	BPI fold-containing family B member 4, Ligand-binding protein RY2G5, Long palate, lung and nasal epithelium carcinoma-associated protein 4, BPIFB4, C20orf186, LPLUNC4
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

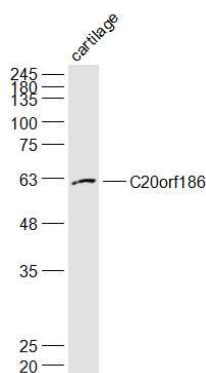
Protein Information

Name	BPIFB4
Synonyms	C20orf186, LPLUNC4
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 pathogenic microorganisms from the mucosa or clearing excess odorant from mucus to enable new odorant stimuli to be received (By similarity).
Cellular Location	Secreted. Cytoplasm
Tissue Location	Expressed in nasal tissue.

Background

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Images



Sample:
Cartilage (Mouse) Lysate at 40 ug
Primary: Anti-C20orf186 (AP55799) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 63 kD
Observed band size: 62 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.