

C3orf32 Rabbit pAb

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Catalog # AP55849

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y2M2
Reactivity	Rat, Mouse
Predicted	Dog, Human, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42732
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C3orf32
Epitope Specificity	51-150/353
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	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C3orf32 (chromosome 3 open reading frame 32), also known as fls485, is a 353 amino acid protein encoded by a gene that maps to human chromosome 3p26.1. Chromosome 3 is made up of approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

Additional Information

Gene ID	51066
Other Names	Protein SSUH2 homolog, Protein ssu-2 homolog, SSUH2 (HGNC:24809), C3orf32
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

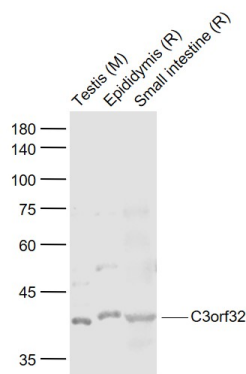
Protein Information

Name	SSUH2 (HGNC:24809)
Synonyms	C3orf32
Function	Plays a role in odontogenesis.
Cellular Location	Cytoplasm. Nucleus
Tissue Location	Expressed in enterocytes of small and large intestinal mucosa (at protein level). Expressed in chromaffine and interstitial cells. Expressed in peripheral blood and gingival cells (PubMed:27680507).

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Images



Sample:

Lane 1: Testis (Mouse) Lysate at 40 ug

Lane 2: Epididymis (Rat) Lysate at 40 ug

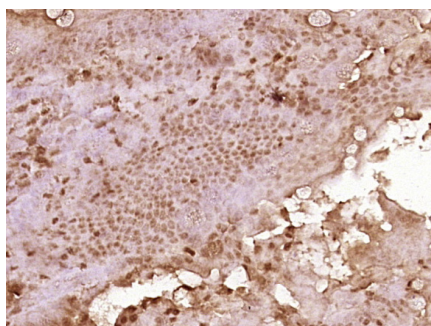
Lane 3: Small intestine (Rat) Lysate at 40 ug

Primary: Anti- C3orf32 (AP55849) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 40 kD

Observed band size: 40 kD



Paraformaldehyde-fixed, paraffin embedded (Rat small intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C3orf32) Polyclonal Antibody, Unconjugated (AP55849) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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