

GTL3 Rabbit pAb

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Catalog # AP56232

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9Y6A4
Reactivity	Rat, Mouse
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22774
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GTL3/transcription factor 2B
Epitope Specificity	1-100/193
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The function of GTL3 has not yet been determined.

Additional Information

Gene ID	29105
Other Names	Cilia- and flagella-associated protein 20, Basal body up-regulated protein 22, Transcription factor IIB, CFAP20 (HGNC:29523), BUG22, C16orf80, GTL3
Dilution	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	CFAP20 (HGNC:29523)
Synonyms	BUG22, C16orf80, GTL3
Function	Cilium- and flagellum-specific protein that plays a role in axonemal structure organization and motility (PubMed: 24414207). Microtubule inner protein

(MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed:[36191189](#)). Involved in the regulation of the size and morphology of cilia (PubMed:[24414207](#)). Required for axonemal microtubules polyglutamylation (PubMed:[24414207](#)).

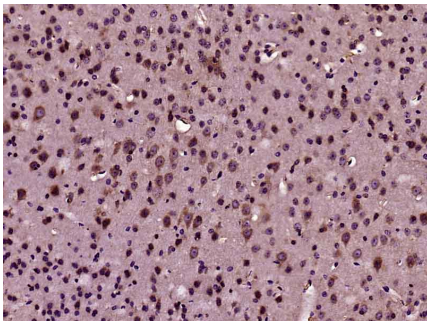
Cellular Location

Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, cilium axoneme Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q8BTU1}

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (GTL3) Polyclonal Antibody, Unconjugated (AP56232) 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'.