10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MAB21L1 Rabbit pAb

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Catalog # AP57149

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q13394
Reactivity	Mouse
Predicted	Human, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40956
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAB21L1
Epitope Specificity	1-100/359
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	Nucleus
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is similar to the MAB-21 cell fate-determining gene found in C. elegans. It may be involved in eye and cerebellum development, and it has been proposed that expansion of a trinucleotide repeat region in the 5' UTR may play a role in a variety of psychiatric disorders. [provided by RefSeq, Oct 2008]

Additional Information

Gene ID	4081
Other Names	Putative nucleotidyltransferase MAB21L1, 2.7.7.-, Protein mab-21-like 1 {ECO:0000312|HGNC:HGNC:6757}, MAB21L1 (HGNC:6757)
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

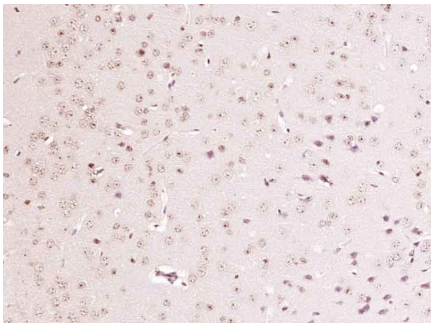
Name	MAB21L1 (HGNC:6757)

Function	Putative nucleotidyltransferase required for several aspects of embryonic development including normal development of the eye (PubMed:27103078, PubMed:30487245). It is unclear whether it displays nucleotidyltransferase activity in vivo (PubMed:27271801). Binds single-stranded RNA (ssRNA) (PubMed:27271801).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:O70299}.
Tissue Location	Expressed in brain, cerebellum and skeletal muscle.

Background

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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 (MAB21L1) Polyclonal Antibody, Unconjugated (AP57149) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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