

DPY19L2 Rabbit pAb

Catalog # AP96607

Product Information

Application	WB
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse DPY19L2
Epitope Specificity	671-770/773
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the dpy-19 family.
SUBUNIT	Membrane; Multi-pass membrane protein (Potential).
DISEASE	Defects in DPY19L2 are the cause of spermatogenic failure type 9 (SPGF9) [MIM:613958]. An infertility disorder caused by spermatogenesis defects. The most prominent feature is the malformation of the acrosome, which can be totally absent in most severe cases. Additional features are an abnormal nuclear shape and abnormal arrangement of the mitochondria of the spermatozoon. Note=Deletions in DPY19L2 are probably the major cause of SPGF9.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene belongs to the dpy-19 family. It is highly expressed in testis, and is required for sperm head elongation and acrosome formation during spermatogenesis. Mutations in this gene are associated with an infertility disorder, spermatogenic failure type 9 (SPGF9). [provided by RefSeq, Dec 2011]

Additional Information

Other Names	SPATA34; SPGF9; 4932443J21Rik; Gm18376; D19L2_HUMAN; DPY19L2; Dpy-19-like protein 2; Protein dpy-19 homolog 2; 2.4.1.-; D19L2_MOUSE; dpy-19 like 2; dpy-19 like 2 (C. elegans); spermatogenesis associated 34
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.
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Function	Required during spermatogenesis for sperm head elongation and acrosome formation.
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