

Sohlh1 Rabbit pAb

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Catalog # AP54809

Product Information

Application	WB
Reactivity	Rat, Mouse
Predicted	Pig, Human, Horse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Sohlh1
Epitope Specificity	51-118/328
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. Nucleus.
DISEASE	Note=Genetic variations in SOHLH1 may be associated with non-obstructive azoospermia.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SOHLH1 is a 328 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one bHLH domain through which it may function as a transcription factor during oogenesis and spermatogenesis. The gene encoding SOHLH1 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4% of the human genome. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.

Additional Information

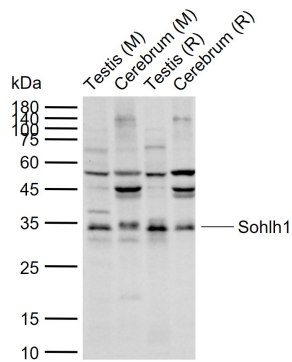
Other Names	Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1, SOHLH1, C9orf157, NOHLH, TEB2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Sample:

Lane 1: Mouse Testis tissue lysates

Lane 2: Mouse Cerebrum tissue lysates

Lane 3: Rat Testis tissue lysates

Lane 4: Rat Cerebrum tissue lysates

Primary: Anti-Sohlh1 (AP54809) at 1/1000 dilution

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

Predicted band size: 35 kDa

Observed band size: 34 kDa

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