

Product Datasheet

SMYD2 Rabbit Polyclonal Antibody (orb100721)

Description	SMYD2 Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human SMYD2 (245-340/433aa)
Target	SMYD2
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	50 kDa
Uniprot ID	Q9NRG4
Dilution Range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500

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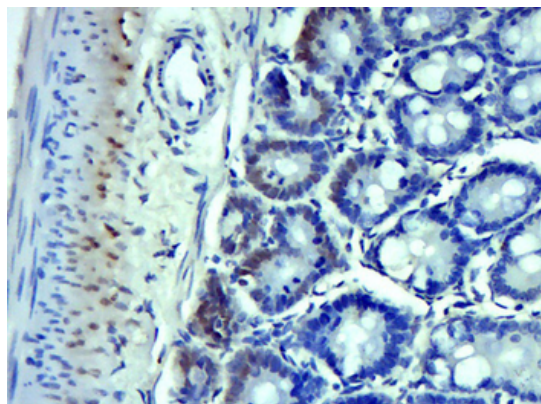
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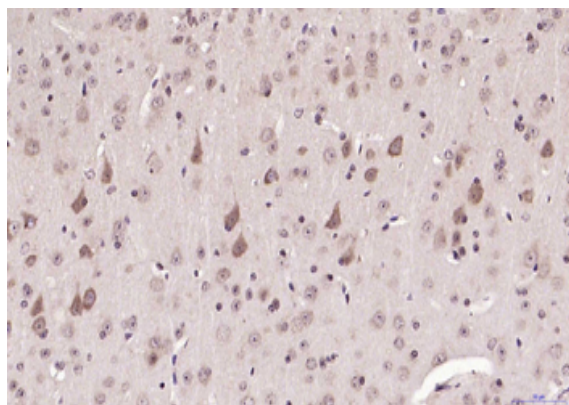
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Expiration Date

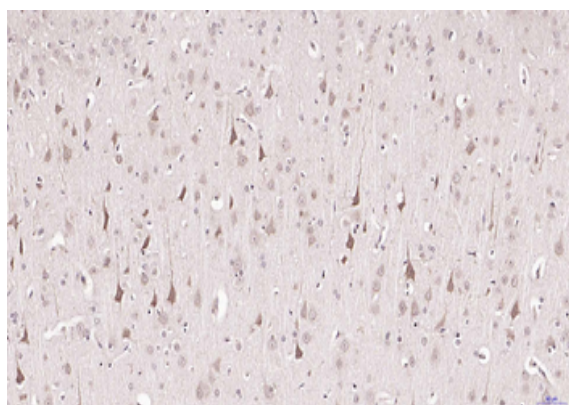
12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (Rat small intestine), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (SMYD2) Polyclonal Antibody, Unconjugated (orb100721) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with SMYD2 Polyclonal Antibody, Unconjugated (orb100721) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



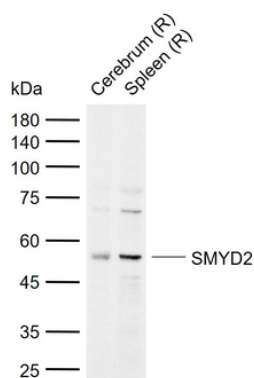
Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with SMYD2 Polyclonal Antibody, Unconjugated (orb100721) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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Sample: Lane 1: Rat Cerebrum tissue lysates, Lane 2: Rat Spleen tissue lysates, Primary: Anti-SMYD2 (orb100721) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 50 kDa, Observed band size: 53 kDa.

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