

Product Datasheet

Anti-SMYD4 Antibody (orb341273)

Catalog Number	orb341273
Description	Rabbit polyclonal antibody to SMYD4
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	IF, IP, WB
Immunogen	Recombinant full length protein of human SMYD4
Target	SMYD4
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
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
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	Q8IYR2, Q8BTK5
Entrez	114826, 319822

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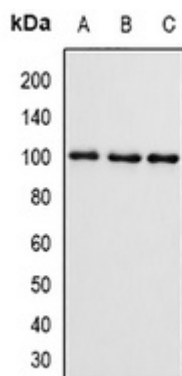
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Dilution Range

WB: 1:500-1:2000, IHC-P: 1:50-1:200, IF/ICC: 1:50-1:100

Expiration Date

12 months from date of receipt.



Western blot analysis of SMYD4 expression in mouse brain (A), mouse ovary (B), rat kidney (C) whole cell lysates. (Predicted band size: 89 kD; Observed band size: 100 kD)



Immunofluorescent analysis of SMYD4 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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