

Anti-SMYD2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Pig,Cow)
Molecular Weight:	Theoretical: 50 kDa. Actual: 53 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: Lane 1: Rat Cerebrum tissue lysates Lane 2: Rat Spleen tissue lysates Primary: Anti-SMYD2 (TMAB-12989) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kDa Observed band size: 53 kDa</p> <p>2. 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 (TMAB-12989) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.</p> <p>3. 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 (TMAB-12989) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human SMYD2
Antigen Species:	Human
Gene ID:	56950
Uniprot ID:	Q9NRG4

Research Background

SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006 [PubMed 16805913]).[supplied by OMIM, Nov 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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