

Product datasheet for **TA302185**

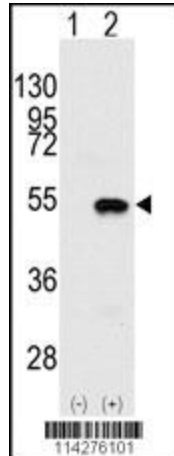
SMYD2 Rabbit Polyclonal Antibody

Product data:

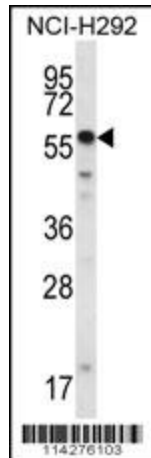
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human, Mouse (Predicted: Rat)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This SMYD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-152 amino acids from the N-terminal region of human SMYD2.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49688 Da
Gene Name:	SET and MYND domain containing 2
Database Link:	NP_064582 Entrez Gene 226830 Mouse Entrez Gene 289372 Rat Entrez Gene 56950 Human Q9NRG4
Background:	SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006 [PubMed 16805913]). [supplied by OMIM]
Synonyms:	HSKM-B; KMT3C; ZMYND14
Protein Families:	Druggable Genome



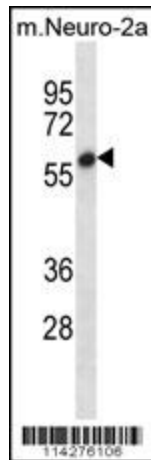
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Product images:


Western blot analysis of SYMD2 (arrow) using rabbit polyclonal SYMD2 Antibody (N-term) (Cat.#TA302185).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SYMD2 gene (Lane 2) (Origene Technologies).



SMYD2 Antibody (N-term) (Cat.#TA302185) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the SMYD2 antibody detected the SMYD2 protein (arrow).



SMYD2 Antibody (N-term) (Cat.#TA302185) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the SMYD2 antibody detected the SMYD2 protein (arrow).