

Product datasheet for **TA351942**

SMYD2 Rabbit Polyclonal Antibody

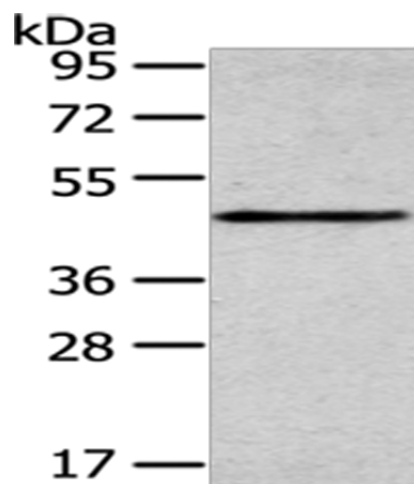
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart tissue IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SMYD2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
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]).
Synonyms:	HSKM-B; KMT3C; ZMYND14
Protein Families:	Druggable Genome

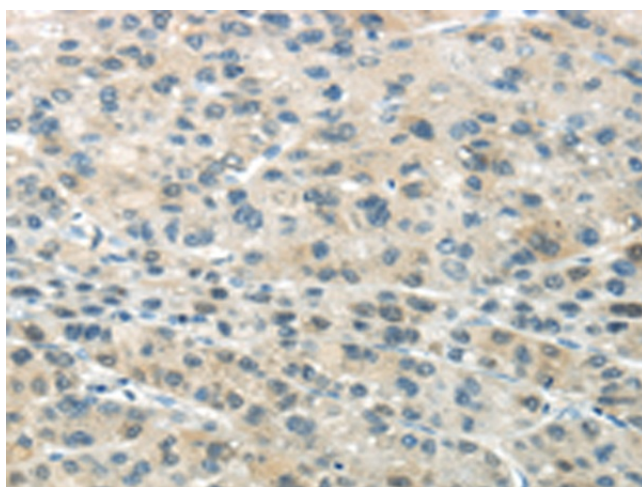


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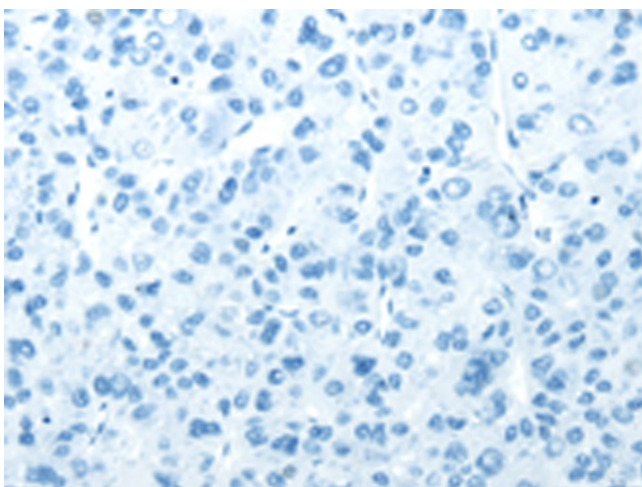
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse heart tissue
Primary antibody: TA351942 (SMYD2 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351942 (SMYD2 Antibody) at dilution 1/35 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351942 (SMYD2 Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: $\times 200$)