

Product datasheet for **TA383711S**

ABH2 (ALKBH2) Rabbit Monoclonal Antibody [Clone ID: R05-5H7]

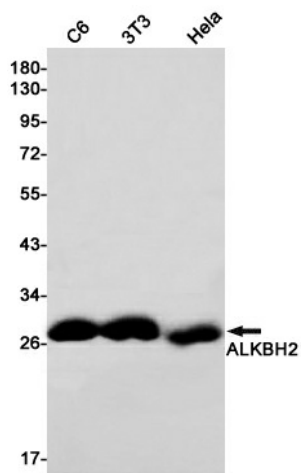
Product data:

Product Type:	Primary Antibodies
Clone Name:	R05-5H7
Applications:	WB
Recommended Dilution:	WB: 1/1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human ALKBH2
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 29 kDa; Observed MW: 29 kDa
Gene Name:	alkB homolog 2, alpha-ketoglutarate-dependent dioxygenase
Database Link:	Entrez Gene 121642 Human Q6NS38
Background:	Swiss-Prot Acc.Q6NS38.Dioxygenase that repairs alkylated DNA and RNA containing 1-methyladenine and 3-methylcytosine by oxidative demethylation. Can also repair alkylated DNA containing 1-ethenoadenine (in vitro). Has strong preference for double-stranded DNA. Has low efficiency with single-stranded substrates. Requires molecular oxygen, alpha-ketoglutarate and iron.
Synonyms:	ABH2; FLJ99103; MGC90512



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Product images:



Western blot analysis of ALKBH2 in C6, 3T3, HeLa lysates using ALKBH2 antibody.