

Product datasheet for **TA373464**

ALKBH5 Rabbit Polyclonal Antibody

Product data:

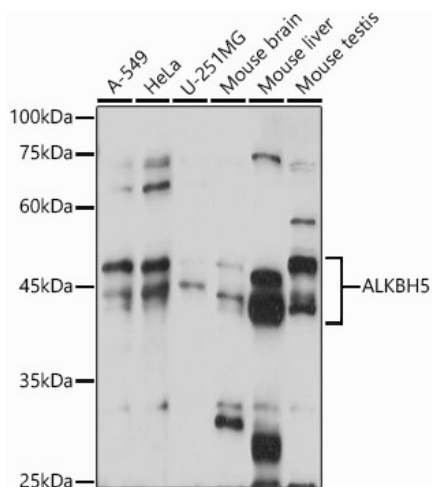
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 245-394 of human ALKBH5 (NP_060228.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	43kDa/44kDa/52kDa
Gene Name:	alkB homolog 5, RNA demethylase
Database Link:	Entrez Gene 54890 Human Q6P6C2
Background:	Dioxygenase that demethylates RNA by oxidative demethylation: specifically demethylates N(6-methyladenosine (m6A RNA, the most prevalent internal modification of messenger RNA (mRNA in higher eukaryotes. Can also demethylate N(6-methyladenosine in single-stranded DNA (in vitro. Requires molecular oxygen, alpha-ketoglutarate and iron. Demethylation of m6A mRNA affects mRNA processing and export. Required for the late meiotic and haploid phases of spermatogenesis by mediating m6A demethylation in spermatocytes and round spermatids: m6A demethylation of target transcripts is required for correct splicing and the production of longer 3'-UTR mRNAs in male germ cells (By similarity).



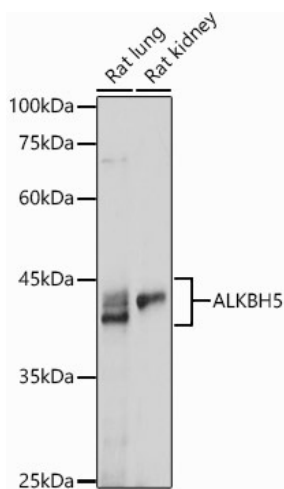
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Synonyms: FLJ20308; OFOXD; OFOXD1

Product images:



Western blot analysis of extracts of various cell lines, using ALKBH5 antibody (TA373464) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using ALKBH5 antibody (TA373464) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 180s.