

Product datasheet for **TA373460**

ALKBH1 Rabbit Polyclonal Antibody

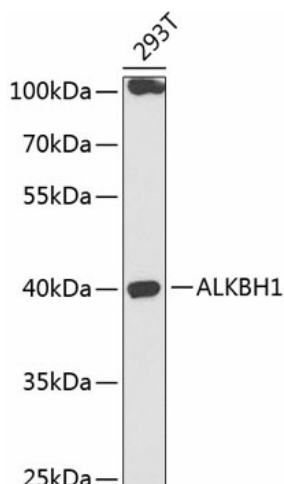
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200 IP,1:20 - 1:50
Reactivity:	Human
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 110-389 of human ALKBH1 (NP_006011.2).
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
Gene Name:	alkB homolog 1, histone H2A dioxygenase
Database Link:	Entrez Gene 8846 Human Q13686
Background:	This gene encodes a homolog to the E. coli alkB gene product. The E. coli alkB protein is part of the adaptive response mechanism of DNA alkylation damage repair. It is involved in damage reversal by oxidative demethylation of 1-methyladenine and 3-methylcytosine.
Synonyms:	ABH; ABH1; alkB; ALKBH; hABH

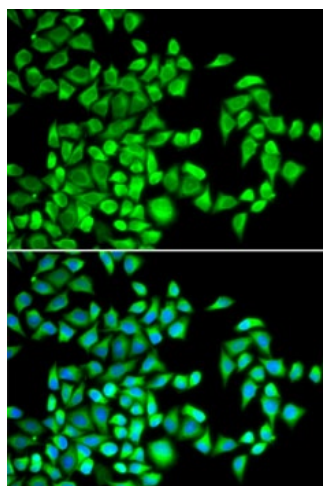


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Product images:



Western blot analysis of extracts of 293T cells, using ALKBH1 antibody (TA373460) 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 Enhanced Kit . | Exposure time: 30s.



Immunofluorescence analysis of U2OS cells using ALKBH1 antibody (TA373460). Blue: DAPI for nuclear staining.