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Datasheet for ABIN5515460 anti-ALKBH2 antibody (C-Term)



Overview

Quantity:100 µLTarget:ALKBH2Binding Specificity:C-TermReactvity:Human, Mouse, Rat, Rabbit, Guinea Pig, Cow, Zebrafish (Danio rerio), Dog, HorseHost:RabbitClonality:PolyclonalConjugate:This ALKBH2 antibody is un-conjugatedApplication:Western Blotting (WB)Product DetailsThe immunogen for Anti-ALKBH2 antibody is: synthetic peptide directed towards the C-termina region of Human ALKB2Sequence:DHVSGVTGQT FNFVLINRYK DGCDHIGEHR DDERELAPGS PIASVSFGACPredicted Reactivity:Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%Characteristics:This is a rabbit polyclonal antibody against ALKB2. It was validated on Western Blot.Purification:Affinity purifiedTarget:ALKBH2	Overview	
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Target Details	
Alternative Name:	ALKBH2 (ALKBH2 Products)
Background:	The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 and ALKBH3 (MIM 610603) are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).[supplied by OMIM, Mar 2008]
	Alias Symbols: ABH2
	Protein Interaction Partner: UBC,
	Protein Size: 261
Gene ID:	121642
UniProt:	Q6NS38
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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