

Datasheet for ABIN2780878
anti-KAT6B antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	KAT6B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Rat, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KAT6B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MYST4
Sequence:	MVKLANPLYT EWILEAIQKI KKQKQRPSEE RICHAVSTSH GLDKKTVSEQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against MYST4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KAT6B
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Target Details

Alternative Name:	MYST4 (KAT6B Products)
Background:	<p>MYST4 is a histone acetyltransferase which may be involved in both positive and negative regulation of transcription. It is required for RUNX2-dependent transcriptional activation and May be involved in cerebral cortex development.</p> <p>Alias Symbols: qkf, MORF, MOZ2, MYST4, querkopf</p> <p>Protein Interaction Partner: UBC, HIST3H3, ATN1, SUMO1, RUNX2, RUNX1, ING5,</p> <p>Protein Size: 2073</p>
Molecular Weight:	231 kDa
Gene ID:	23522
NCBI Accession:	NM_001256468
UniProt:	Q8WYB5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 2073 AA
Restrictions:	For Research Use only

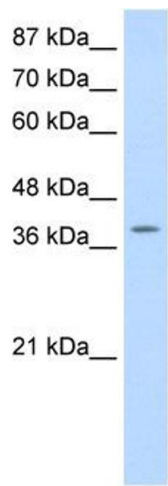
Handling

Format:	Liquid
Concentration:	Lot specific
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.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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.

Publications

Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-MYST4 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that KAT6B is expressed in HepG2