

Datasheet for ABIN2782414
anti-KRTAP8-1 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	KRTAP8-1
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Dog, Goat, Guinea Pig, Horse, Rat, Sheep, Mouse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KRTAP8-1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KRTAP8-1
Sequence:	LCDNFPGAVF PGCYWGSYGY PLGYSVGCGY GSTYSPVGYG FGYGYNGCGA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 92%, Rat: 93%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against KRTAP8-1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KRTAP8-1
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Target Details

Alternative Name:	KRTAP8-1 (KRTAP8-1 Products)
Background:	<p>KRTAP8-1 belongs to the KRTAP type 8 family. In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.</p> <p>Alias Symbols: KAP8.1</p> <p>Protein Interaction Partner: RBPMS, DAZAP2, PSMA3, DAB1, CRYAB,</p> <p>Protein Size: 63</p>
Molecular Weight:	7 kDa
Gene ID:	337879
NCBI Accession:	NM_175857 , NP_787053
UniProt:	Q8IUC2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 63 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.



Western Blotting

Image 1. WB Suggested Anti-KRTAP8-1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart