Datasheet for ABIN2779711

anti-HINFP antibody (Middle Region)

2 Images

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Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MIZF
Sequence:	FKDRSKLREH LRSHTQEKVV ACPTCGGMFA NNTKFLDHIR RQTSLDQQHF
Predicted Reactivity:	Cow: 93%, 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 MIZF. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HINFP

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Target Details

Alternative Name:	MIZF (HINFP Products)
Background:	MIZF interacts with methyl-CpG-binding protein-2 (MBD2, MIM 603547), a component of the MeCP1 histone deacetylase (HDAC) complex, and plays a role in DNA methylation and transcription repression.MIZF interacts with methyl-CpG-binding protein-2 (MBD2, MIM 603547), a component of the MeCP1 histone deacetylase (HDAC) complex, and plays a role in DNA methylation and transcription repression.[supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-62 BF726036.1 1-62 63-1549 BC017234.2 47-1533 1550-2058 AK056362.1 1518-2026 2059-2202 BC001073.2 2085-2228 Alias Symbols: DKFZP434F162, HiNF-P, ZNF743, MIZF Protein Interaction Partner: POM121C, CDYL2, RBM17, RPUSD4, THAP7, RBM26, MIF4GD, NPDC1, TRIM44, ELP4, NIPBL, SRRM2, PRRC2C, MORF4L1, ZNHIT1, MDC1, EFTUD2, TTF2, U2AF1, TLE3, TRA2B, MKI67, JUND, GSPT1, ATN1, SREBF2, NPAT, MBD2, TRAF2, HDAC1, DHX9, Protein Size: 517
Molecular Weight:	60 kDa
Gene ID:	25988
NCBI Accession:	NM_198971, NP_945322
UniProt:	Q9BQA5
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 517 AA
Restrictions:	For Research Use only

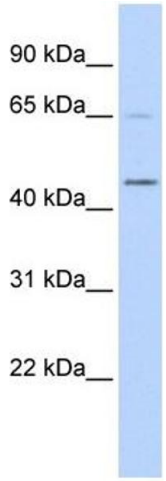
Handling

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

Handling

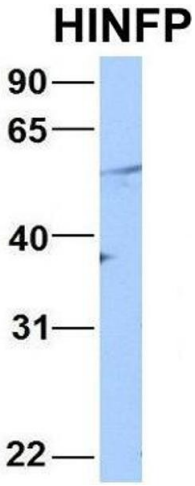
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MIZF Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Transfected 293T



Western Blotting

Image 2. Host: Rabbit Target Name: CHAD Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml