Datasheet for ABIN2777714

anti-PHF1 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	PHF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PHF1
Sequence:	PSPNQSYQGS SGYNFRPTDA RCLPSSPIRM FASFHPSAST AGTSGDSGPP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PHF1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	PHF1

Target Details

Alternative Name:	PHF1 (PHF1 Products)
Background:	PHF1 has significant sequence similarity with Drosophila Polycomblike. It contains a zinc finger-like PHD (plant homeodomain) finger which is distinct from other classes of zinc finger motifs and which shows the typical Cys4-His-Cys3 arrangement. PHD finger genes are thought to belong to a diverse group of transcriptional regulators possibly affecting eukaryotic gene expression by influencing chromatin structure. This gene encodes a protein with significant sequence similarity to Drosophila Polycomblike. The encoded protein contains a zinc finger-like PHD (plant homeodomain) finger which is distinct from other classes of zinc finger motifs and which shows the typical Cys4-His-Cys3 arrangement. PHD finger genes are thought to belong to a diverse group of transcriptional regulators possibly affecting eukaryotic gene expression by influencing chromatin structure. Two transcript variants have been found for this gene. Alias Symbols: PCL1, PHF2, MTF2L2 Protein Interaction Partner: ATXN7L1, BIRC7, VAC14, HSD17B14, RBPMS, CALCOCO2, PDLIM7, TFCP2, NAB2, TRIM23, SUZ12, EZH2, NEK6, TP53, SUMO1, HIC1, ELAVL1, UBC, RAD50, NCR1, EED, SMC1A, XRCC5, RBBP7, XRCC6, DHX9, HIST1H3J, HIST1H3G, HIST1H3I, HIST1H3E, HIST1H3C, HIST1H3A, HIST1H3F, HIS Protein Size: 567
Molecular Weight:	62 kDa
Gene ID:	5252
NCBI Accession:	NM_024165, NP_077084
UniProt:	O43189

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 567 AA
Restrictions:	For Research Use only

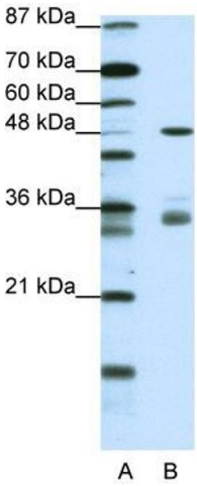
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

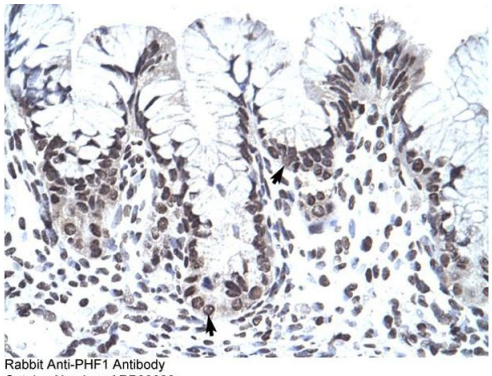
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For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

Images



Western Blotting

Image 1. WB Suggested Anti-PHF1 Antibody Titration: 1.25ug/ml Positive Control: 293T cell lysate



Rabbit Anti-PHF1 Antibody
Catalog Number: ARP33028
Lot Number: QC2421
Paraffin Embeded Tissue: Human Stomach
Cells with Positive label: Surface mucous cells AND Epithelial cells of fundic gland (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Stomach