Datasheet for ABIN2780557

anti-ZNF259 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	ZNF259 (znf259)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF259 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ZNF259
Sequence:	PPGAAVAPSP APAPPPAPDH LFRPISAEDE EQQPTEIESL CMNCYCNGMT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against ZNF259. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ZNF259 (znf259)

Target Details

Alternative Name:	ZNF259 (znf259 Products)
Background:	ZNF259 may be a signaling molecule that communicates mitogenic signals from the cytoplasm to the nucleus. ZNF259 binds to the EGFR and is released from the receptor after activation.ZNF259 is essential for cell viability and its interaction with eEF-1alpha contributes to normal cellular proliferation.ZNF259 translocates from the cytoplasm to the nucleus after treatment of cells with mitogens. ZNF259 accumulates in the nucleolus of proliferating cells. Loss of ZNF259 caused disruption of nucleolar function, including preribosomal RNA expression. ZNF259 is an essential protein that is required for normal nucleolar function in proliferating cells. Alias Symbols: ZPR1 Protein Interaction Partner: UBC, P3H1, FKBP10, RPRD1B, OSGEP, PPME1, SZRD1, ARIH1, HSPBP1, ACTR2, ACTR3, ARPC4, UBA2, TOM1L1, OGT, SURF2, PPP1R7, LPP, HSF1, AGFG1, HNRNPF, BAG1, ALAD, MPP3, SRXN1, NUDCD2, UBL7, THOC7, KLC2, UBQLN4, UFM1, UFC1, UBXN1, UHRF1, PHPT1, TES, UBXN7, HYPK, Protein Size: 459
Molecular Weight:	51 kDa
Gene ID:	8882
NCBI Accession:	NM_003904, NP_003895
UniProt:	O75312

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 459 AA
Restrictions:	For Research Use only

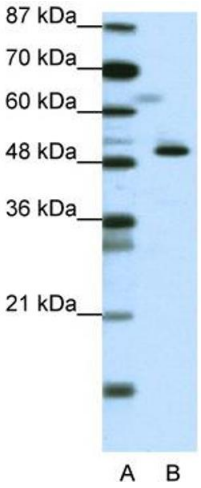
Handling

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

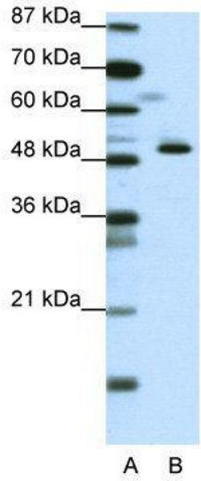
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store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

Images



Western Blotting

Image 1. WB Suggested Anti-ZNF259 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate ZNF259 is supported by BioGPS gene expression data to be expressed in Jurkat



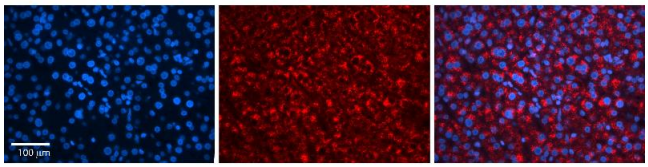
Western Blotting

Image 2. WB Suggested Anti-ZNF259

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: Jurkat cell lysate

ZNF259 is supported by BioGPS gene expression data to be expressed in Jurkat



Immunohistochemistry

Image 3. Rabbit Anti-ZNF259 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

