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Datasheet for ABIN7271489
anti-ZNF451 antibody (AA 600-900)

1 Image

Overview

Quantity:	100 µL
Target:	ZNF451
Binding Specificity:	AA 600-900
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF451 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	ZNF451 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 600-900 of human ZNF451 (NP_001026794.1).
Sequence:	SSPRGKWQCR ICEDMFDSQE YVKQHCMSLA SHKFHRYSCA HCRKPFHKIE TLYRHCQDEH DNEIKIKYFC GLCDLIFNVE EAFLSHYEEH HSIDYVVFSE KTETSIKTED DFPVIETSNQ LTCGCRESYI CKVNRKEDYS RCLQIMLDKG KLWFRCSLCS ATANQLTDMN THIHQVHKEK SDEEEQQYVI KCGTCTKAFH DPESAQQHFH RKHCFLQKPS VAHFGSEKSN LYKFTASASH TERKCLKQAIN YKSLDMEKG VENDLSYQNI EEEIVLPDL DYLRMTMHIV FVDFDNWSNF F
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: ZNF451

Alternative Name: ZNF451 ([ZNF451 Products](#))

Background: E3 SUMO-protein ligase, has a preference for SUMO2 and SUMO3 and facilitates UBE2I/UBC9-mediated sumoylation of target proteins. Plays a role in protein SUMO2 modification in response to stress caused by DNA damage and by proteasome inhibitors (in vitro. Required for MCM4 sumoylation (By similarity. Has no activity with SUMO1. Preferentially transfers an additional SUMO2 chain onto the SUMO2 consensus site 'Lys-11'. Negatively regulates transcriptional activation mediated by the SMAD4 complex in response to TGF-beta signaling. Inhibits EP300-mediated acetylation of histone H3 at 'Lys-9'. Plays a role in regulating the transcription of AR targets.,ZNF451,COASTER,dJ41711.1,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,Nuclear hormone receptors,Signal Transduction,ZNF451

Molecular Weight: 63kDa/115kDa/121kDa

Gene ID: 26036

UniProt: [Q9Y4E5](#)

Application Details

Application Notes: WB,1:200 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

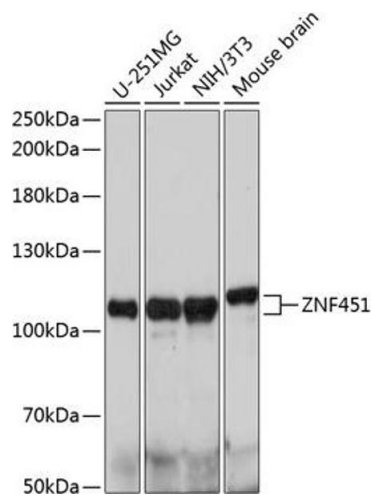
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ZNF451 antibody (ABIN7271489) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.