antibodies - online.com







anti-ZNF451 antibody



Overview

Quantity:	60 μL
Target:	ZNF451
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF451 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human ZNF451 (NP_001026794.1).
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	ZNF451
Alternative Name:	ZNF451 (ZNF451 Products)
Background:	ZNF451,COASTER,dJ417I1.1,E3 SUMO-protein ligase, has a preference for SUMO2 and SUMO3
	and facilitates UBE2I/UBC9-mediated sumoylation of target proteins (PubMed:26524493,
	PubMed:26524494). 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 (PubMed:26524493). Preferentially transfers an

Target Details

	additional SUMO2 chain onto the SUMO2 consensus site 'Lys-11' (PubMed:26524493). 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.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 63 kDa/115 kDa/121 kDa
Gene ID:	26036
UniProt:	Q9Y4E5

Application Details

Application Notes:	WB 1:200-1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
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.