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ZNF451 Polyclonal Antibody

Cat #: G-AB-09062

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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 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.

Gene ID: 26036

Accession #:

Immunogen: Recombinant fusion protein of human ZNF451 (NP_001026794.1).

Conjugation: Unconjugated

Swissprot: Q9Y4E5

Calculated Molecular Weight: 63 kDa/115 kDa/121 kDa

Observed Molecular Weight: Refer to figures

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:200-1:2000

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