

Product datasheet for TA347490

PIAS2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Reactivity: WB: 1:500-1:3000 Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-PIAS2 Antibody: A synthesized peptide derived from human PIAS2

Formulation: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50%

glycerol. Store at -20?. Stable for 12 months from date of receipt

Concentration: lot specific

Purification: Affinity-chromatography

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 68 kDa

Gene Name: protein inhibitor of activated STAT 2

Database Link: NP 004662

Entrez Gene 17344 MouseEntrez Gene 83422 RatEntrez Gene 9063 Human

075928

Background: PIAS2 Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the

interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulator in various cellular pathways, including the STAT pathway,

the p53 pathway and the steroid hormone signaling pathway. The effects of this

transcriptional coregulation, transactivation or silencing may vary depending upon the

biological context and the PIAS2 isoform studied.

Synonyms: ARIP3; DIP; MIZ; MIZ1; PIASX; PIASX-ALPHA; PIASX-BETA; SIZ2; ZMIZ4



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Note: PIAS2 antibody detects endogenous levels of total PIAS2

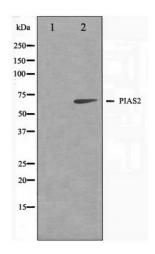
Protein Families: Stem cell - Pluripotency, Stem cell relevant signaling - JAK/STAT signaling pathway,

Transcription Factors

Protein Pathways: Jak-STAT signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated

proteolysis

Product images:



Western blot analysis on COS7 cell lysate using PIAS2 Antibody