

A7060

Leader in Biomolecular Solutions for Life Science



PIAS3 Rabbit pAb

Catalog No.: A7060

1 Publications

Basic Information

Observed MW

65-75kDa

Calculated MW

68kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of this gene have been identified, but the full-length nature of some of these variants has not been determined.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:100

Immunogen Information

Gene ID

10401

Swiss Prot

Q9Y6X2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 452-628 of human PIAS3 (NP_006090.2).

Synonyms

ZMIZ5; PIAS3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

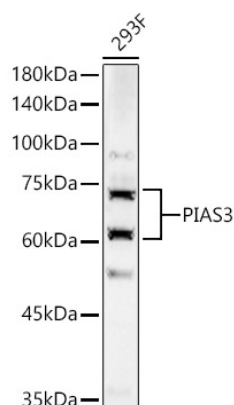
Affinity purification

Storage

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

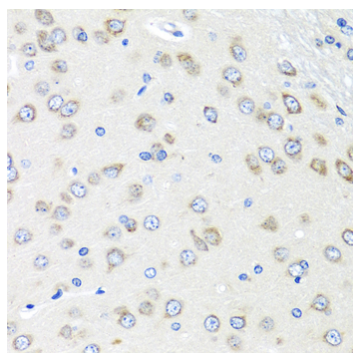
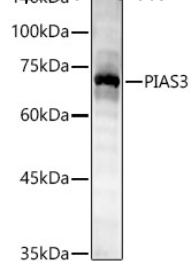
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data

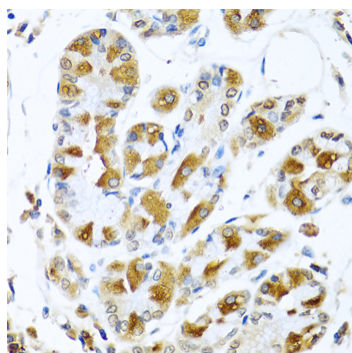


Western blot analysis of 293F, using PIAS3 antibody (A7060) at 1:600 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.

Western blot analysis of Mouse thymus, using PIAS3 antibody (A7060) at 1:600 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded rat brain using PIAS3 antibody (A7060) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using PIAS3 antibody (A7060) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.