



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07176 - Goat Anti-PIAS2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PIAS2, protein inhibitor of activated STAT, 2, MGC102682, MIZ1, PIASX-ALPHA, PIASX-BETA, SIZ2, miz, Msx-interacting-zinc finger, protein inhibitor of activated STAT X, ARIP3

Official Symbol: PIAS2

Accession Number(s): NP_775298.1; NP_004662.2

Human GeneID(s): [9063](#)

Non-Human GeneID(s): 17344 (mouse)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_775298.1 and NP_004662.2). No cross-reactivity expected with PIAS1, 3 and 4.

Immunogen

Peptide with sequence KEAMKVSSQPCTKIE, from the internal region of the protein sequence according to NP_775298.1; NP_004662.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

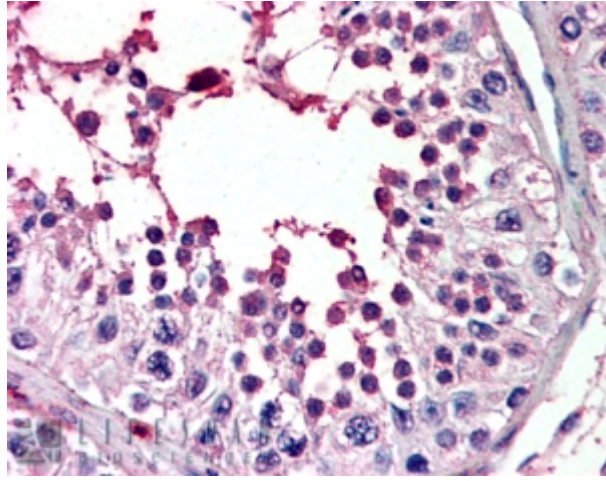
Western blot: Preliminary experiments gave an approx 90kDa band in lysates of cell line A431 after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 68.2kDa according to NP_004662.2. The 90kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Testis shows nuclear and extra-nuclear staining in spermatids. Recommended concentration, 3-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07176 (3.8 μ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.