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Research Use Only. Not for diagnostic or therapeutic use.

EB10217 - Goat Anti-ATXN2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ataxin 2, ATX2, FLJ46772, SCA2, TNRC13, trinucleotide repeat

containing 13, ATXN2
Official Symbol: ATXN2

Accession Number(s): NP_002964.3; NP_001297050.1; NP_001297052.1

Human GeneID(s): 6311

Non-Human GenelD(s): 20239 (mouse)

Immunogen

Peptide with sequence C-SEREGHSINTR, from the internal region of the protein sequence according to NP_002964.3; NP_001297050.1; NP_001297052.1.

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 1:2000.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431

and U2OS cells. Recommended concentration: $10\mu\text{g/ml.}$

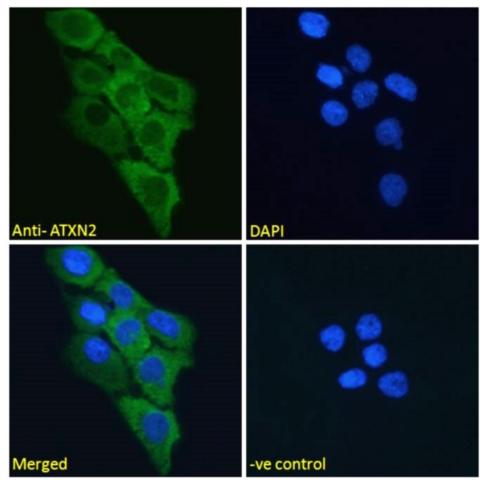
Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration:

10ug/ml.

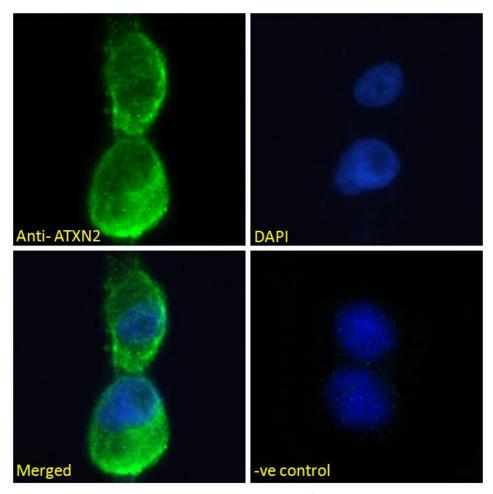
Species Reactivity

Tested: Human

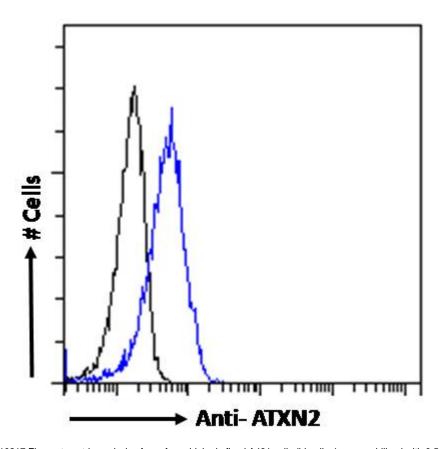
Expected from sequence similarity: Human, Mouse, Dog, Cow, Pig



EB10217 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB10217 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB10217 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.