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Research Use Only. Not for diagnostic or therapeutic use.

EB06547 - Goat Anti-PAD4 / PADI4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PADI4, PAD, PDI4, PDI5, PADI5, peptidyl arginine deiminase, type IV,

protein-arginine deiminase, peptidyl arginine deiminase, type V

Official Symbol: PADI4

Accession Number(s): NP_036519.2

Human GenelD(s): 23569

Immunogen

Peptide with sequence AQGTLIRVTPEQPC, from the N Terminus of the protein sequence according to NP_036519.2.

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 1:64000.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 4-6µg/ml.

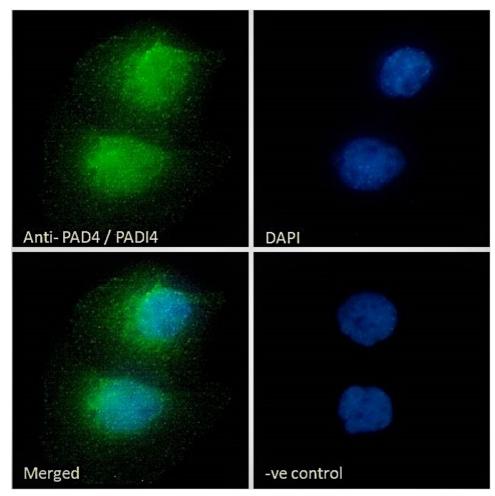
Immunofluorescence: Expression of the protein seen in the nucleus and cytoplasm of

HeLa and U2OS cells. Recommended concentration: 10µg/ml.

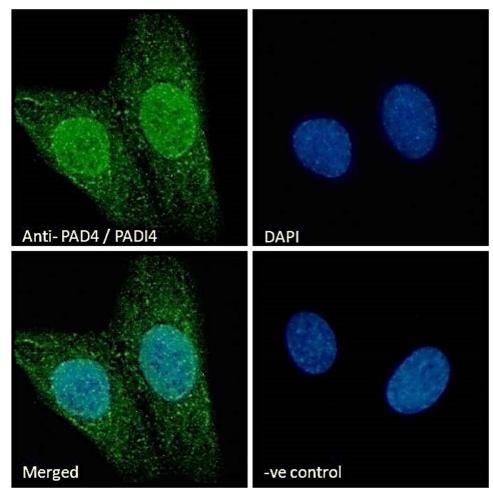
Species Reactivity

Tested: Human

Expected from sequence similarity: Human

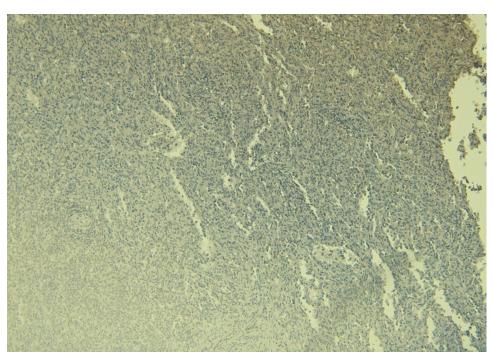


EB06547 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06547 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 nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).





EB06547 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.