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

EB05885 - Goat Anti-SSP29 / ANP32B Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ANP32B, SSP29, APRIL, PHAPI2, acidic (leucine-rich) nuclear phosphoprotein 32 family, member B, acidic protein rich in leucines, acidic nuclear phosphoprotein 32 family member B, putative HLA-DR-associated protein I-2, silver-stainable protein SSP29

Official Symbol: ANP32B

Accession Number(s): NP_006392.1

Human GeneID(s): [10541](#)

Non-Human GeneID(s): 67628 (mouse), 170724 (rat)

Important Comments: This antibody does NOT recognize the TNF family member also known as APRIL - Gene ID number 8741. However this antibody may cross-react with ANP32A (GeneID 8125).

Immunogen

Peptide with sequence C-KRKRETDDEGEDD, from the C Terminus of the protein sequence according to NP_006392.1.

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 1:16000.

Western blot: Approx 28kDa band observed in Human Tonsil lysates, and approx 30kDa band observed in Rat and Pig Spleen lysates and in lysates of cell line NIH3T3 (calculated MW of 28.8kDa according to Human NP_006392.1, 31.1kDa according to Mouse NP_570959.1 and to Rat NP_571986.1 and 29.9kDa according to Pig XP_013849138.1).
Recommended concentration: 0.1-0.3µg/ml.

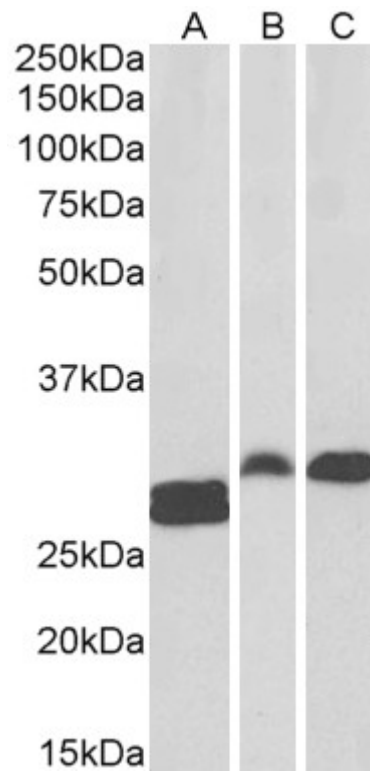
IHC: In paraffin embedded Human Breast shows nuclear staining in lobular cells.

Recommended concentration: 3-5µg/ml.

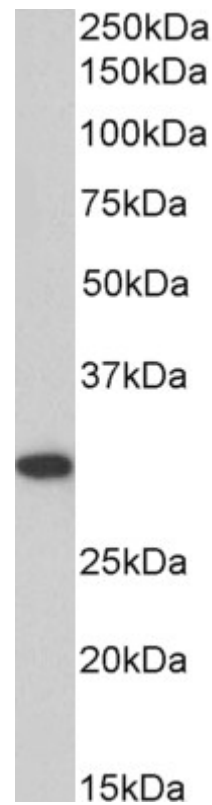
Species Reactivity

Tested: Human, Mouse, Rat, Pig

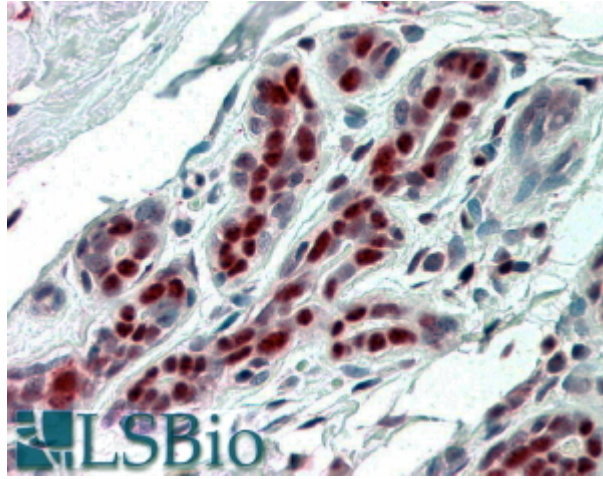
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB05885 (0.1µg/ml) staining of Human Tonsil (A) and Rat (B) and Pig (C) Spleen lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05885 (0.1µg/ml) staining of NIH3T3 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05885 (3.8 μ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.