

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB07212 - Goat Anti-STAM1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: STAM, signal transducing adaptor molecule (SH3 domain and ITAM

motif) 1, HGNC:11357, STAM1, signal transducing adaptor molecule 1

Official Symbol: STAM

Accession Number(s): NP_003464.1; NP_001311216.1; NP_001311212.1;

NP_001311215.1; NP_001311211.1;; NP_001311217.1

Human GeneID(s): 8027

Important Comments: This antibody is expected to recognize usoforms a-f. No

cross-reactivity expected with STAM2.

Immunogen

Peptide with sequence C-KTEKKTVQFSDD, from the internal region of the protein sequence according to NP_003464.1; NP_001311216.1; NP_001311212.1; NP_001311215.1; NP_001311211.1;; NP_001311217.1.

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.

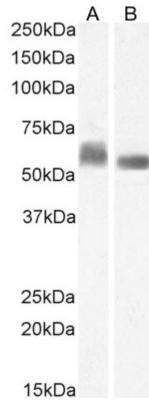
Western blot: Approx. 60kDa band observed in lysates of cell line K562, and approx. 55kDa in lysates of cell line MCF7, (calculated MW of 59.2kDa according to NP_003464.1 and 55.7kDa according to NP_001311211.1). Recommended concentration: 0.3-1μg/ml. Primary incubation 1 hour at room temperature.

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

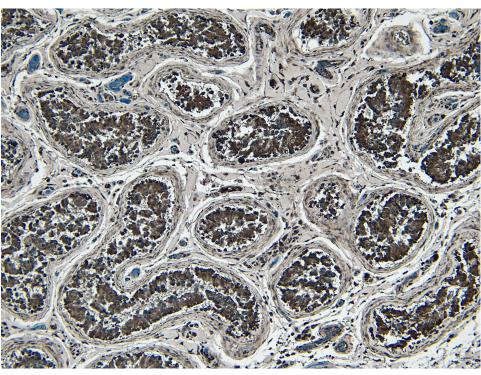
Species Reactivity

Tested: Human

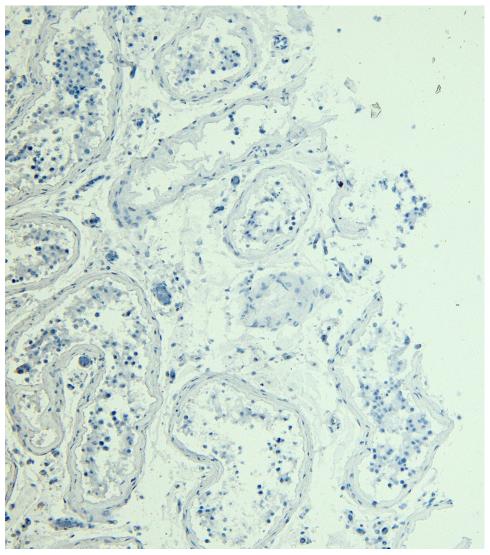
Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07212 (1 μ g/ml) staining of K562 (A) and (0.5 μ g/ml) MCF7 (B) cell lysate (35 μ g protein in RIPA buffer. Detected by chemiluminescence.



EB07212 (6µg/ml) staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



 ${\tt EB07212\ Negative\ Control\ showing\ staining\ of\ paraffin\ embedded\ Human\ Testis,\ with\ no\ primary\ antibody.}$