

## 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 isoforms a-f. No cross-reactivity expected with STAM2.

### Immunogen

Peptide with sequence C-KTEKKTQFSDD, 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.

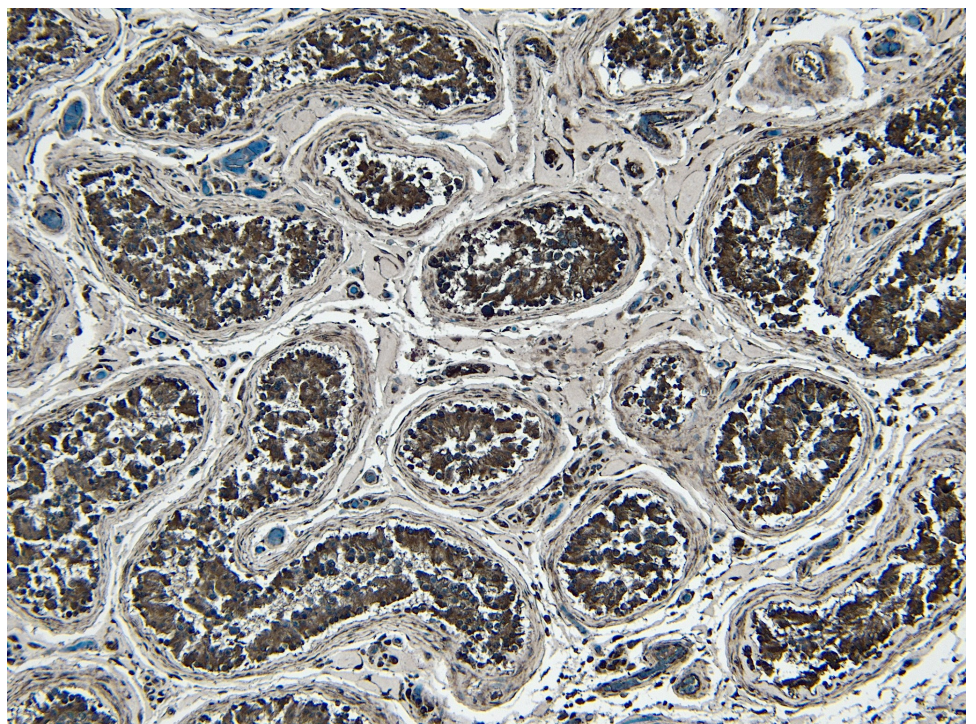
### Species Reactivity

**Tested:** Human

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

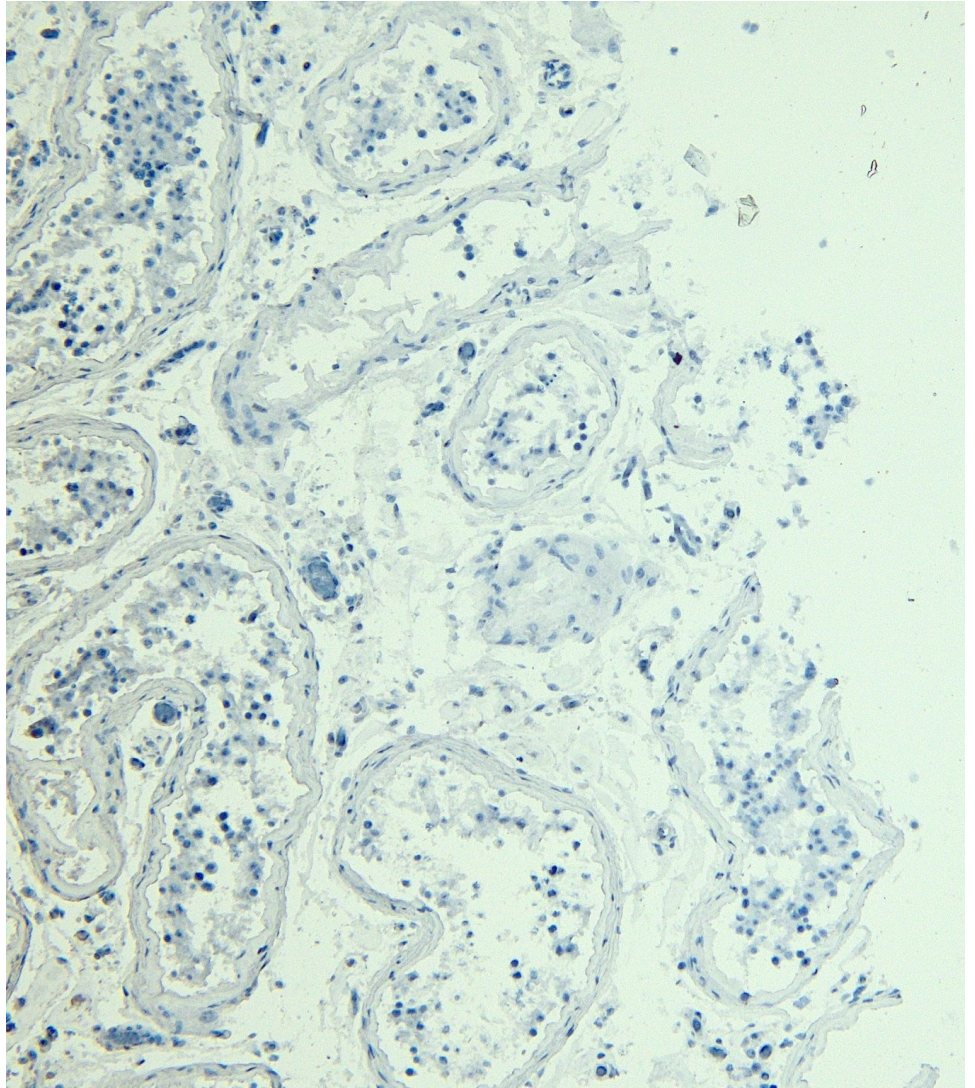


EB07212 (1 $\mu$ g/ml) staining of K562 (A) and (0.5 $\mu$ g/ml) MCF7 (B) cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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





EB07212 Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.