



## UK Office

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

## EB05074 - Goat Anti-STAP2 / BKS (aa391-403) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** STAP2, signal transducing adaptor family member 2, BKS, FLJ20234, brk kinase substrate, BRK substrate, breast tumor kinase substrate, brk kinase substrate, signal-transducing adaptor protein 2, signal-transducing adaptor protein-2

**Official Symbol:** STAP2

**Accession Number(s):** NP\_060190.2; NP\_001013863.1

**Human GeneID(s):** [55620](#)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_060190.2) and isoform 2 (NP\_001013863.1).

### Immunogen

Peptide with sequence C-LQKKLEKRRALEH, from the C Terminus of the protein sequence according to NP\_060190.2; NP\_001013863.1.

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 1:128000.

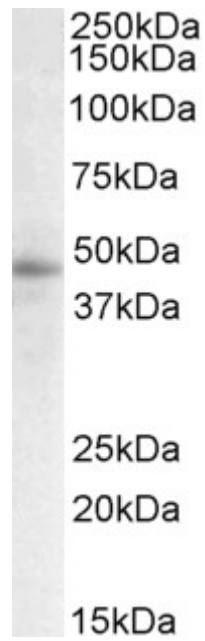
**Western blot:** Approx 49kDa band observed in Human Breast lysates (calculated MW of 49.6kDa according to NP\_060190.2). Recommended concentration: 0.3-1µg/ml.

**IHC:** Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml.

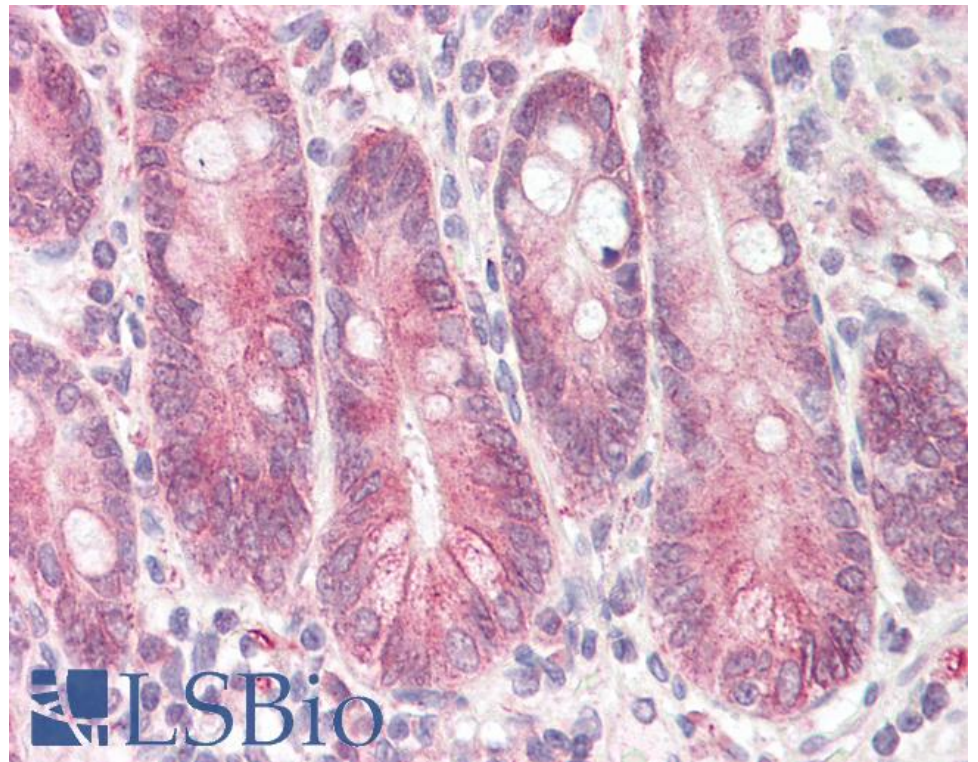
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB05074 (0.3 $\mu$ g/ml) staining of Human Breast lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05074 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.