



## International Office

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

## EB05810 - Goat Anti-KAP1 / TRIM28 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TRIM28, KAP1, TF1B, RNF96, TIF1B, tripartite motif-containing 28, KRAB-associated protein 1, nuclear corepressor KAP-1, transcriptional intermediary factor 1-beta, FLJ29029, KRAB-associated protein 1, tripartite motif-containing 28 protein

**Official Symbol:** TRIM28

**Accession Number(s):** NP\_005753.1

**Human GeneID(s):** [10155](#)

### Immunogen

Peptide with sequence C-SSQELSGGPGDGP, from the C Terminus of the protein sequence according to NP\_005753.1.

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 1:2000.

**IHC:** In paraffin embedded Human Breast shows nuclear staining in epithelial duct cells. Recommended concentration: 2-4µg/ml.

**Immunofluorescence:** Strong expression of the protein seen in the nuclei of HeLa and U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

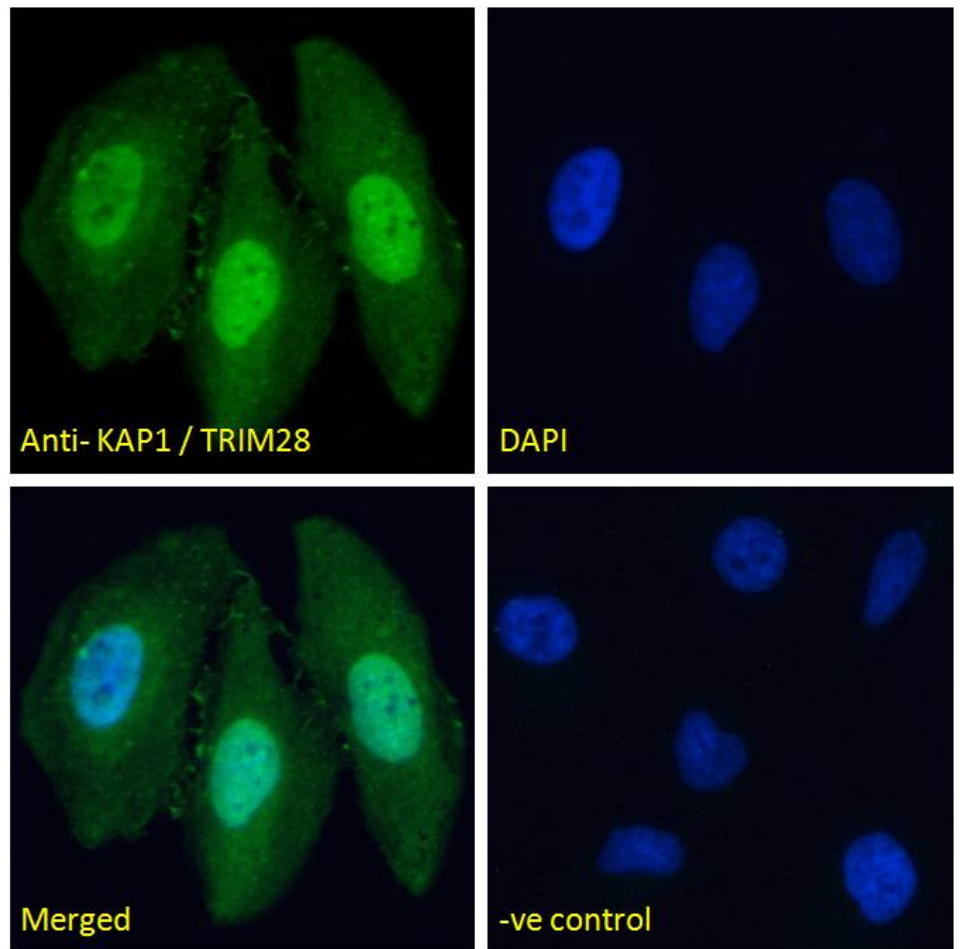
**This antibody (previous batch) has been successfully used in IHC on Human:**

Yokoe T, Toiyama Y, Okugawa Y, Tanaka K, Ohi M, Inoue Y, Mohri Y, Miki C, Kusunoki M.

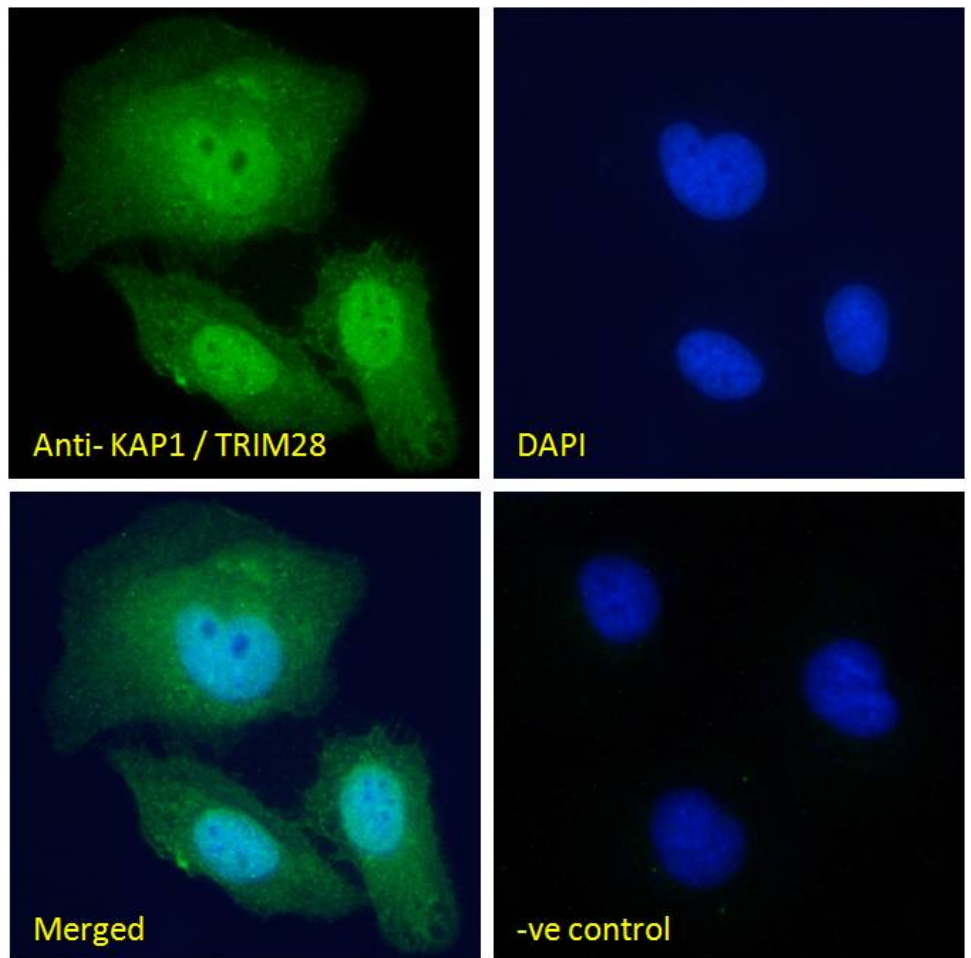
KAP1 Is Associated With Peritoneal Carcinomatosis in Gastric Cancer.

Ann Surg Oncol. 2010 Mar;17(3):821-8.

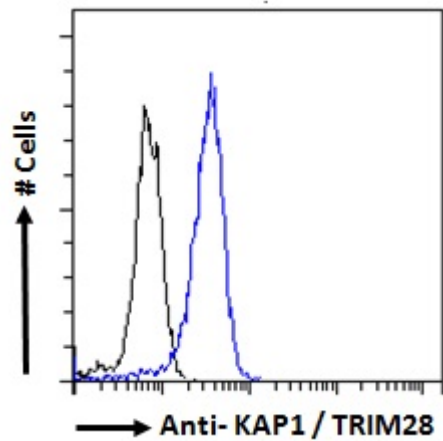
PMID: 19898899



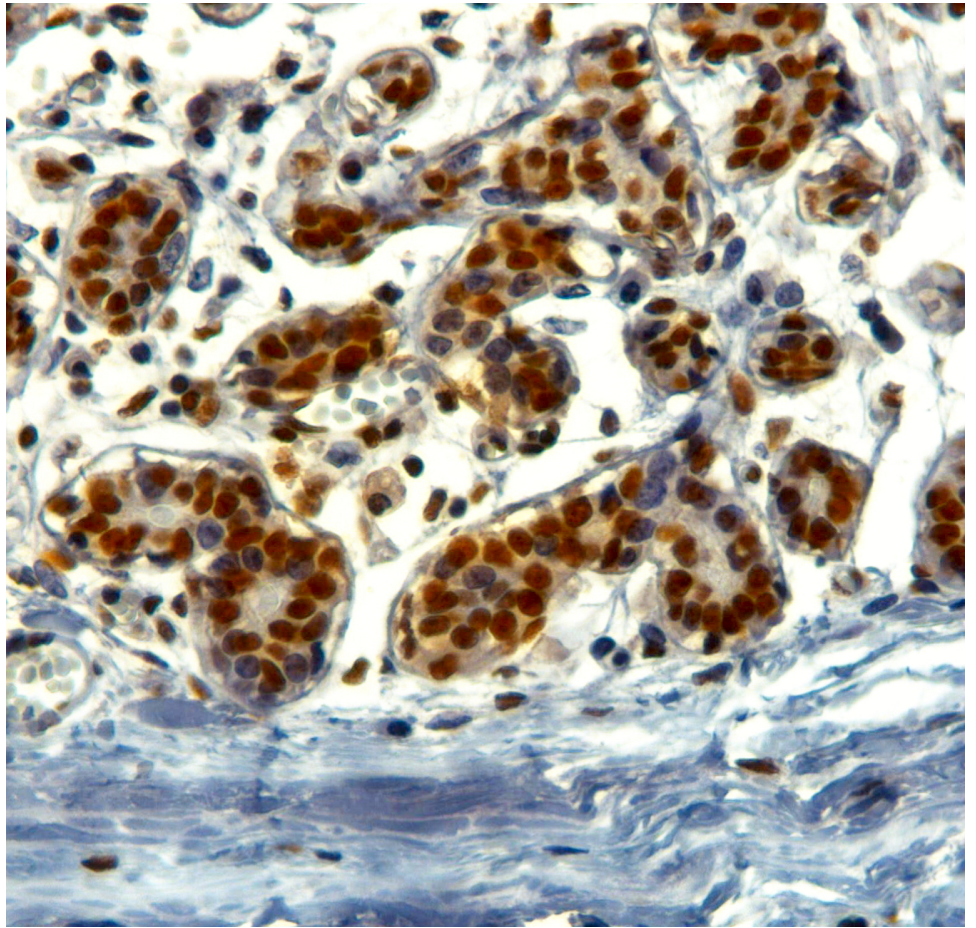
EB05810 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05810 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 staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05810 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



EB05810 (2 $\mu$ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.