

Goat Pituitary Tumor-Transforming 1/Securin Antibody | anti-PTTG1 antibody

Goat Anti-Pituitary Tumor-Transforming 1/Securin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61821	Goat	Human Expected from sequence similarity: Human, Mouse, Dog	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

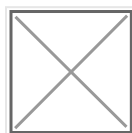
PRODUCT SYNONYMS

Pituitary Tumor-Transforming 1/Securin; Goat Anti-Pituitary Tumor-Transforming 1/Securin Antibody; PTTG1; pituitary tumor-transforming 1 ; HGNC:9690; EAP1; HPTTG; PTTG; SECURIN; TUTOR1; ESP1-associated protein 1; pituitary tumor-transforming protein 1; tumor-transforming protein 1; anti-PTTG1 antibody

PRODUCT SPECIFICATIONS

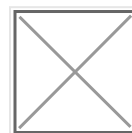
Host	Goat
Reactivity	Human Expected from sequence similarity: Human, Mouse, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	202
Applicable Applications for anti-PTTG1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-ILDEERELEKLFQ, from the internal region of the protein sequence according to NP_004210.1.
Peptide Sequence	ILDEERELEKLFQ
Epitope	Internal region
Important comments	Likely to cross-react to PTTG2 and PTTG3
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



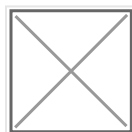
IHC (Immunohistochemistry)

2.5ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



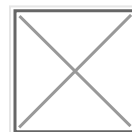
IHC (Immunohistochemistry)

2.5ug/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



FCM/FACS (Flow Cytometry)

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



IF (Immunofluorescence)

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 cytoplasmic staining. The nuclear stain is DAPI (b



IF (Immunofluorescence)

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 cytoplasmic staining. The nuclear stain is DAPI (b

ADDITIONAL INFORMATION

References

Park KH, Choi SE, Eom M, Kang Y.: Downregulation of the anaphase-promoting complex (APC)⁷ in invasive ductal carcinomas of the breast and its clinicopathologic relationships. Breast Cancer Res. 2005;7(2):R238-47. Epub 2005 Jan 14. PMID: 15743504

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758980
NCBI GeneID	9232
NCBI Accession #	NP_004210.1
NCBI GenBank Nucleotide #	NP_004210.1
UniProt Accession #	O95997
NCBI Official Full Name	securin
NCBI Official Synonym Full Names	PTTG1 regulator of sister chromatid separation, securin
NCBI Official Symbol	PTTG1
NCBI Official Synonym Symbols	EAP1; PTTG; HPTTG; TUTR1
NCBI Protein Information	securin
UniProt Protein Name	Securin
UniProt Gene Name	PTTG1
UniProt Synonym Gene Names	EAP1; PTTG; TUTR1; Tumor-transforming protein 1; hPTTG
UniProt Entry Name	PTTG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/goat-pttg1-dog-human-mouse-antibody/pituitary-tumor-transforming-1-securin/61821>