

Goat Securin / PTTG1 Polyclonal Antibody | anti-PTTG1 antibody

Goat Polyclonal to Human Securin / PTTG1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51060	Goat	Chimpanzee, Gorilla, Human, Monkey, Mouse, Orangutan Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

Securin / PTTG1; Polyclonal Antibody; Goat Polyclonal to Human Securin / PTTG1; Anti-Securin / PTTG1 Antibody (aa148-160) IHC-plus; PTTG1; EAP1; Esp1-associated protein; HPTTG; ESP1-associated protein 1; Pituitary tumor-transforming 1; TUTR1; PTTG; Securin; Tumor-transforming protein 1; Human Securin; anti-PTTG1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Chimpanzee, Gorilla, Human, Monkey, Mouse, Orangutan Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PTTG1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	202
Applicable Applications for anti-PTTG1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-ILDEERELEKLFQ from positions 148-160 of human PTTG1 (NP_004210.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Monkey, Marmoset, Mouse (100%); Gibbon (92%); Elephant, Dog (85%).
Immunogen Type	Synthetic peptide
Immunogen	Securin / PTTG1 antibody was raised against synthetic peptide C-ILDEERELEKLFQ from positions 148-160 of human PTTG1 (NP_004210.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Monkey, Marmoset, Mouse (100%); Gibbon (92%); Elephant, Dog (85%).
Antigen Modification	aa148-160
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PTTG1 / Securin antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.



IHC (Immunohistochemistry)
Anti-PTTG1 / Securin antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PTTG1 antibody	The encoded protein is a homolog of yeast securin proteins, which prevent separins from promoting sister chromatid separation. It is an anaphase-promoting complex (APC) substrate that associates with a separin until activation of the APC. The gene product has transforming activity in vitro and tumorigenic activity in vivo, and the gene is highly expressed in various tumors.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758980
NCBI GeneID	9232
NCBI Accession #	NP_004210.1
NCBI GenBank Nucleotide #	NM_004219.3
UniProt Accession #	O95997
Molecular Weight	22,024 Da
NCBI Official Full Name	securin
NCBI Official Synonym Full Names	pituitary tumor-transforming 1
NCBI Official Symbol	PTTG1
NCBI Official Synonym Symbols	EAP1; PTTG; HPTTG; TUTR1
NCBI Protein Information	securin; ESP1-associated protein 1; tumor-transforming protein 1; pituitary tumor-transforming gene 1 protein
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.