



Rabbit Anti-Securin 2 antibody

SL19625R

Product Name:	Securin 2
Chinese Name:	垂体瘤转化蛋白2抗体
Alias:	Pituitary tumor transforming 2; Pituitary tumor transforming gene 2 protein; Pituitary tumor-transforming gene 2 protein; PTTG2; PTTG2_HUMAN; Securin-2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	22kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Securin 2:2-100/202
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	PTTG is overexpressed in Jurkat and is also detected in human thymus, testis and placenta. PTTG is mainly expressed in the cytoplasm and is also partially localized to the nucleus. Vertebrate PTTG regulates the separin Esp1, which promotes chromatid separation, to overcome the cohesive forces that hold sister chromatids together. This regulatory function of PTTG suggests that defective regulation of cohesion may contribute to cancer by promoting chromosome instability. Although vertebrate PTTG shares cell-cycle functions with its yeast securin counterparts Pds1p and Cut2, none

share sequence homology

Subunit:

Cytoplasm. Nucleus.

Tissue Specificity:

Expressed at low levels in the pituitary, liver, spleen, prostate, testis, ovary, small intestine and colon. Also expressed in various pituitary, testicular, liver and ovarian tumors.

Similarity:

Belongs to the securin family.

SWISS:

Q9NZH5

Gene ID:

10744

Database links:

[Entrez Gene: 10744](#) Human

[Omim: 604231](#) Human

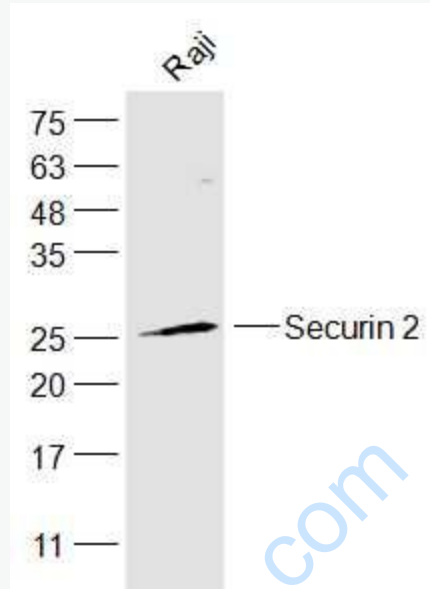
[SwissProt: Q9NZH5](#) Human

[Unigene: 668806](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Raji(Human) Cell Lysate at 30 ug

Primary: Anti-Securin 2 (SL19625R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 22 kD

Observed band size: 22 kD