

Datasheet for ABIN3032234

anti-PTTG1 antibody (AA 146-161)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PTTG1
Binding Specificity:	AA 146-161
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTTG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 146-161 (LMILDEERELEKLFQL-human) were used as the immunogen for this Securin antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	PTTG1
Alternative Name:	Securin (PTTG1 Products)
Background:	Securin, also known as pituitary tumor-transforming 1 or EAP1 is a protein that in humans is encoded by the PTTG1 gene. The encoded protein is a homolog of yeast securin proteins, which prevent separins from promoting sister chromatid separation. It is an anaphase-

Target Details

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 is highly expressed in various tumors. Securin contains 2 PXXP motifs, which are required for its transforming and tumorigenic activities, as well as for its stimulation of basic fibroblast growth factor expression. It also contains a destruction box(D box) that is required for its degradation by the APC. The acidic C-terminal region of the encoded protein can act as a transactivation domain. It is mainly a cytosolic protein, although it partially localizes in the nucleus.

UniProt: [O95997](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Securin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

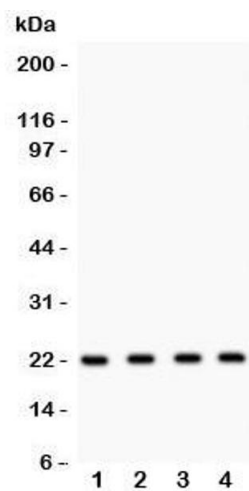
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

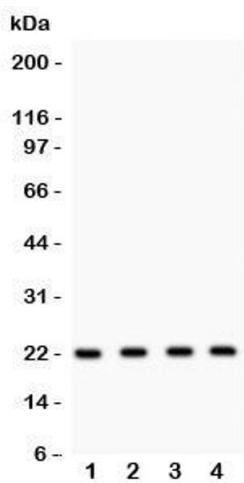
Storage Comment: After reconstitution, the Securin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of Securin antibody and Lane 1: HeLa; 2: MCF-7; 3: SKOV; 4: A375 lysate. Expected/observed size ~22KD



Western Blotting

Image 2. Western blot testing of Securin antibody and Lane 1: HeLa