

Recombinant

DGRmAb®

**Securin (DGR16413) Rabbit mAb**

db11881

Package : 10µL 20µL 50µL 100µL

**Product Name** : Securin (DGR16413) Rabbit mAb**Cat.No.:** db11881**Synonyms** : EAP1; PTTG; HPTTG; TUTR1**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

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. The gene product 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. The gene product is mainly a cytosolic protein, although it partially localizes in the nucleus. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Sep 2013]

**Immunogen**

A synthetic peptide of human Securin

**Gene ID**

9232

**Swiss Prot**

O95997

**Synonyms**

EAP1; PTTG; HPTTG; TUTR1

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**WB: 1:2000-1:20000  
IHC-P: 1:100-1:200  
ICC/IF: 1:50  
FC: 1:20-1:50**Calculated MW**

22 kDa

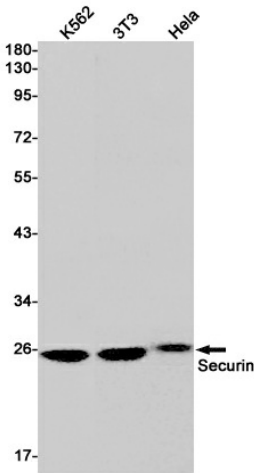
**Observed MW**

25 kDa

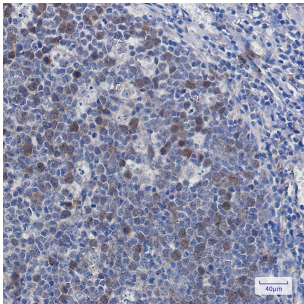
**Host species**

Rabbit

|                   |   |
|-------------------|---|
| Clonality         | Monoclonal  |
| Clonality No.     | DGR16413  |
| Isotype           | IgG   |
| Purity            | Affinity Purification   |
| Conjugation       | Un-conjugated   |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |



Western blot detection of Securin in K562,3T3,HeLa cell lysates using Securin antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db11881 antibody.