



## COPS1 (Phospho-Ser454) Antibody

E11-8322A

**Catalog Number:** E11-8322A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** Q13098

**Other Names:** COP9 signalosome complex subunit 1; CSN1; G protein pathway suppressor 1; GPS1; GPS1 protein; MFH protein

**All Sites:** Human: Ser454; Mouse: Ser454; Rat: Ser454

**Storage/Stability:** Store at -20°C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human COPS1 around the phosphorylation site of serine 454 (E-G-S<sup>P</sup>-Q-G).

**Purification:** The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** COPS1 (Phospho-Ser454) antibody detects endogenous levels of COPS1 only when phosphorylated at serine 454.

**Reactivity:** Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%);  
Rat (Identities = 100%, Positives = 100%)

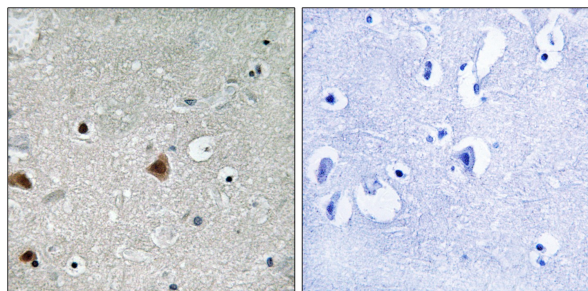
**Applications:** IHC: 1:50~1:100 ELISA: 1:1000

### References:

Spain B.H., Mol. Cell. Biol. 16:6698-6706(1996).

Ota T., Nat. Genet. 36:40-45(2004).

Seeger M., FASEB J. 12:469-478(1998).



P-peptide      -                      +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using COPS1 (Phospho-Ser454) antibody.

**For Research Use Only**