Anti- COPS1 (Phospho-Ser454) Polyclonal Antibody

Catalog No.	Size
A100335-01	50 µl
A100335-02	100 µl

Specificity	Anti- COPS1 (Phospho-Ser454) (human mouse rat)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q13098

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

Specificity and Sensitivity

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

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human COPS1 around the phosphorylation site of serine 454 (E-G-S^P-Q-G).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

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

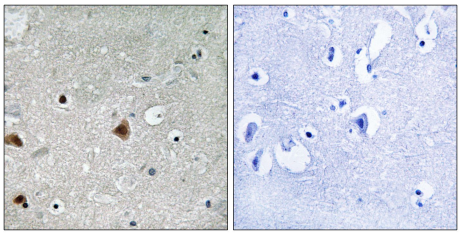
Storage Buffer

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

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

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