Anti- STK39 (Phospho-Ser311) Polyclonal Antibody

Catalog No.	Size
A100279-01	50 µl
A100279-02	100 µl

Specificity	Anti- STK39 (Phospho-Ser311) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q9UEW8

Other Names: DCHT; EC 2.7.11.1; Serine/threonine-protein kinase 39; SPAK; Ste-20 related kinase; STE20/SPS1-related proline-alanine rich protein kinase; STK39

Specificity and Sensitivity

STK39 (Phospho-Ser311) antibody detects endogenous levels of STK39 only when phosphorylated at serine 311.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human STK39 around the phosphorylation site of serine 311 (G-K-S^{P}-F-R).

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:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:1000

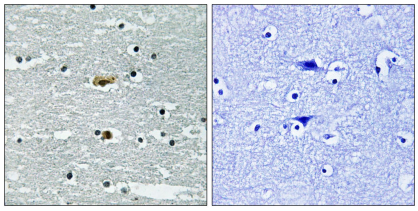
Storage Buffer

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

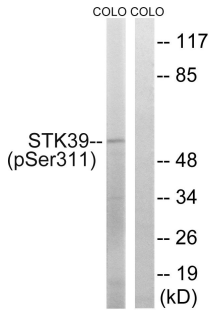
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using STK39 (Phospho-Ser311) antibody.



P-peptide - +

Western blot analysis of extracts from COLO cells, using STK39 (Phospho-Ser311) antibody.

EarthOx, LLC • San Francisco, CA • USA
Phone 415-675-8865 • Fax 855-327-8469 • ***www.earthox.net***