

STK39 Antibody | anti-STK39 antibody

STK39 (Phospho-Ser311) Antibody

CATALOG # AAA267824	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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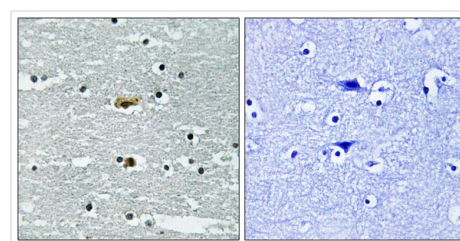
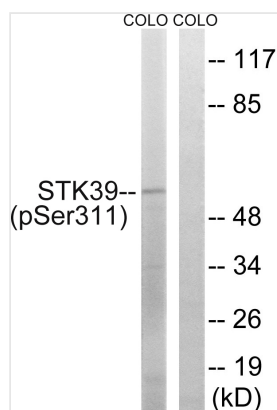
PRODUCT SYNONYMS

STK39; STK39 (Phospho-Ser311) Antibody; DCHT; EC 2.7.11.1; Serine/threonine-protein kinase 39; SPAK; Ste-20 related kinase; STE20/SPS1-related proline-alanine rich protein kinase; anti-STK39 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	STK39 (Phospho-Ser311) antibody detects endogenous levels of STK39 only when phosphorylated at serine 311.
Purity/Purification	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.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	545
Applicable Applications for anti-STK39 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human STK39 around the phosphorylation site of serine 311 (G-K-SP-F-R).
All Sites	Human: Ser311 Mouse: Ser321 Rat: Ser318
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using STK39 (Phospho-Ser311) antibody. Western blot analysis of extracts from COLO cells, using STK39 (Phospho-Ser311) antibody.

ADDITIONAL INFORMATION

References	Johnston A.M., Oncogene 19:4290-4297(2000). Melnick M.B., Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases. Olsen J.V., Cell 127-635-648(2006).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115430252
NCBI GeneID	27347
NCBI Accession #	NP_037365.2
NCBI GenBank Nucleotide #	NM_013233.2
UniProt Accession #	Q9UEW8; O14774; Q53S90; Q53SL7; Q53SS1; Q9UER4; X5D9C8
Molecular Weight	57,937 Da
NCBI Official Full Name	STE20/SPS1-related proline-alanine-rich protein kinase
NCBI Official Synonym Full Names	serine/threonine kinase 39
NCBI Official Symbol	STK39
NCBI Official Synonym Symbols	DCHT; PASK; SPAK
NCBI Protein Information	STE20/SPS1-related proline-alanine-rich protein kinase
UniProt Protein Name	STE20/SPS1-related proline-alanine-rich protein kinase
UniProt Gene Name	STK39
UniProt Synonym Gene Names	SPAK; Ste-20-related kinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.