

anti-Human, Mouse LKB1 Antibody | anti-LKB1 antibody

LKB1 (Phospho-Ser428) Antibody

CATALOG # AAA267482	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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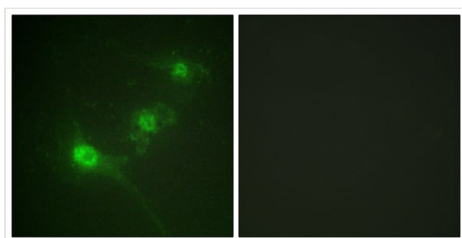
PRODUCT SYNONYMS

LKB1; LKB1 (Phospho-Ser428) Antibody; EC 2.7.11.1; kinase LKB1; PJS; Serine/threonine kinase KPM; Serine/threonine protein kinase 11; STK11; anti-LKB1 antibody

PRODUCT SPECIFICATIONS

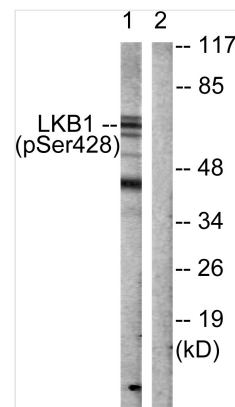
Reactivity	Human, Mouse
Specificity	LKB1 (Phospho-Ser428) antibody detects endogenous levels of LKB1 only when phosphorylated at serine 428.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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	433
Applicable Applications for anti-LKB1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human LKB1 around the phosphorylation site of serine 428 (R-L-SP-A-C).
All Sites	Human: Ser428 Mouse: Ser428
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



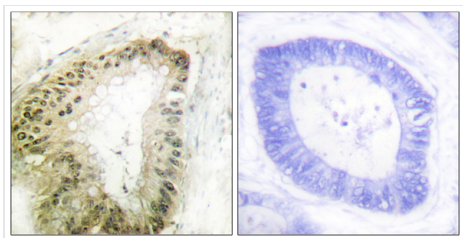
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of NIH/3T3 cells, using LKB1 (Phospho-Ser428) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using LKB1 (Phospho-Ser428) antibody. Western blot analysis of extracts from mouse brain cells, using LKB1 (Phospho-Ser428) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	Jenne D.E., Nat. Genet. 18:38-43(1998). Bignell G.R., Cancer Res. 58:1384-1386(1998). Baas A.F., EMBO J. 22:3062-3072(2003).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507271
NCBI GeneID	6794
NCBI Accession #	NP_000446.1
NCBI GenBank Nucleotide #	NM_000455.4
UniProt Accession #	Q15831; B2RBX7; E7EW76
Molecular Weight	45,387 Da
NCBI Official Full Name	serine/threonine-protein kinase STK11
NCBI Official Synonym Full Names	serine/threonine kinase 11
NCBI Official Symbol	STK11
NCBI Official Synonym Symbols	PJS; LKB1; hLKB1
NCBI Protein Information	serine/threonine-protein kinase STK11
UniProt Protein Name	Serine/threonine-protein kinase STK11
UniProt Gene Name	STK11
UniProt Synonym Gene Names	LKB1; PJS; LKB1; hLKB1

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/lkb1/267482>