

HSL Antibody | anti-HSL antibody

HSL (Phospho-Ser855/554) Antibody

CATALOG # AAA109214	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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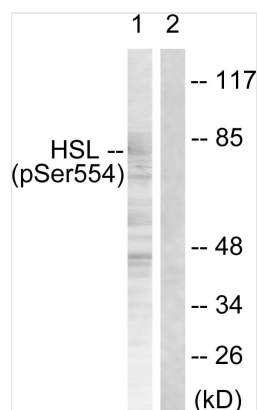
PRODUCT SYNONYMS

HSL; HSL (Phospho-Ser855/554) Antibody; EC 3.1.1.79; Hormone sensitive lipase; LIPE; LIPS; anti-HSL antibody

PRODUCT SPECIFICATIONS

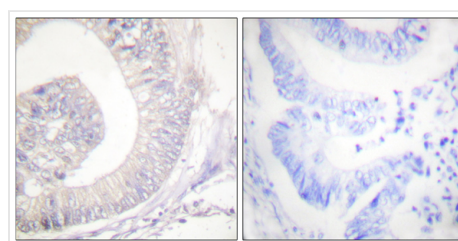
Reactivity	Human, Mouse, Rat
Specificity	HSL (Phospho-Ser855/554) antibody detects endogenous levels of HSL only when phosphorylated at serine 855/554.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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	1076
Applicable Applications for anti-HSL antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HSL around the phosphorylation site of serine 855/554 (S-V-SP-E-A).
All Sites	Human: Ser855 Mouse: Ser559 Rat: Ser865
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells treated with Adriamycin (0.5ng/ml, 24hours), using HSL (Phospho-Ser855/554) antibody (#A0074).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using HSL (Phospho-Ser855/554) antibody (#A0074).

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSL antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Matthew J. Watt, Am J Physiol Endocrinol Metab, Mar 2006; 290: E500-E508. Maya S. Gowri, Am J Physiol Endocrinol Metab, Sep 2000; 279: E593-E600. Matthew J. Watt, Am J Physiol Endocrinol Metab, Jul 2004; 287: E120-E127. Shu Pei Wang, Endocrinology, Dec 2004; 145: 5688-5693.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21328446
NCBI GeneID	3991
NCBI Accession #	NP_005348.2
NCBI GenBank Nucleotide #	NM_005357.3
UniProt Accession #	Q05469; Q3LRT2; Q6NSL7
Molecular Weight	84,128 Da
NCBI Official Full Name	hormone-sensitive lipase
NCBI Official Synonym Full Names	lipase E, hormone sensitive type
NCBI Official Symbol	LIPE
NCBI Official Synonym Symbols	HSL; LHS; AOMS4; FPLD6
NCBI Protein Information	hormone-sensitive lipase
UniProt Protein Name	Hormone-sensitive lipase
UniProt Gene Name	LIPE
UniProt Synonym Gene Names	HSL

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.