

HSL Antibody | anti-HSL antibody

HSL (Phospho-Ser552) Antibody

CATALOG # AAA112100	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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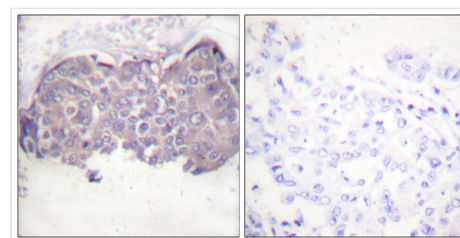
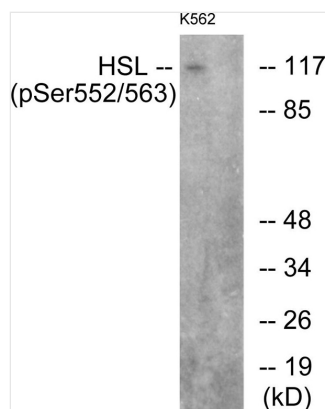
PRODUCT SYNONYMS

HSL; HSL (Phospho-Ser552) Antibody; EC 3.1.1.79; Hormone sensitive lipase; LIPE; LIPS; anti-HSL antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	HSL (Phospho-Ser552) antibody detects endogenous levels of HSL only when phosphorylated at serine 552.
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 552 (R-R-SP-V-S).
All Sites	Human: Ser552 Mouse: Ser557 Rat: Ser563
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using HSL (Phospho-Ser552) antibody. Western blot analysis of extracts from K562 cells, using using HSL (Phospho-Ser552) antibody.

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. Kenji Harada, Am J Physiol Endocrinol Metab, Dec 2003; 285: E1182-E1195. Shu Pei Wang, Endocrinology, Dec 2004; 145: 5688-5693. Mélanie Fortier, J. Lipid Res., Sep 2005; 46: 1860-1867.

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.