

anti-Human, Mouse OSR1 Antibody | anti-OSR1 antibody

OSR1 (Phospho-Thr185) Antibody

CATALOG # AAA110703	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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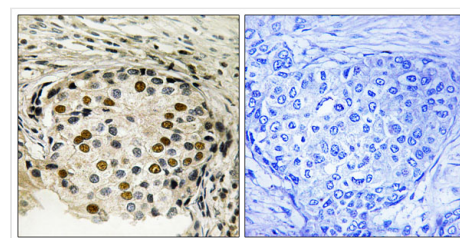
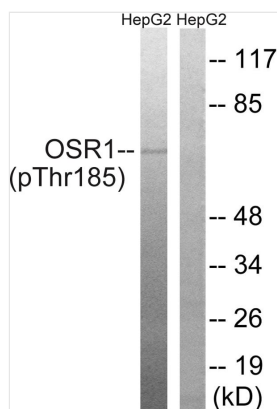
PRODUCT SYNONYMS

OSR1; OSR1 (Phospho-Thr185) Antibody; EC 2.7.11.1; kinase OSR1; Oxidative-stress responsive 1; Oxidative-stress responsive 1 homolog; OXSR1; anti-OSR1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	OSR1 (Phospho-Thr185) antibody detects endogenous levels of OSR1 only when phosphorylated at threonine 185.
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	527
Applicable Applications for anti-OSR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human OSR1 around the phosphorylation site of threonine 185 (R-K-TP-F-V).
All Sites	Human: Thr185 Mouse: Thr185
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 OSR1 (Phospho-Thr185) antibody. Western blot analysis of extracts from HepG2 cells, treated with serum (20%, 15mins), using OSR1 (Phospho-Thr185) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-OSR1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Tamari M., J. Hum. Genet. 44:116-120(1999). Kikuno R., DNA Res. 6-197-205(1999). The MGC Project Team; Genome Res. 14:2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826878
NCBI GeneID	9943
NCBI Accession #	NP_005100.1
NCBI GenBank Nucleotide #	NM_005109.2
UniProt Accession #	O95747; Q3LR53; Q7Z501; Q9UPQ1
Molecular Weight	58,022 Da
NCBI Official Full Name	serine/threonine-protein kinase OSR1
NCBI Official Synonym Full Names	oxidative stress responsive 1
NCBI Official Symbol	OXSR1
NCBI Official Synonym Symbols	OSR1
NCBI Protein Information	serine/threonine-protein kinase OSR1
UniProt Protein Name	Serine/threonine-protein kinase OSR1
UniProt Gene Name	OXSR1

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/osr1/110703>