

## Rabbit anti-Human, Mouse OSR1 Polyclonal Antibody | anti-OSR1 antibody

OSR1 (Phospho-Thr185) Antibody

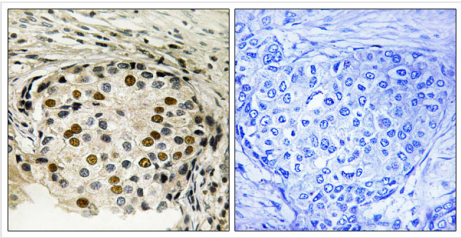
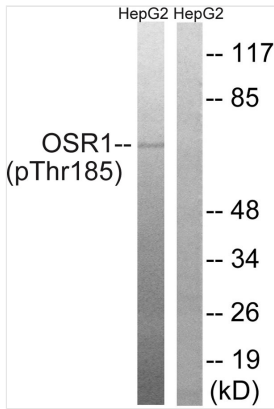
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA316623 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

OSR1; Polyclonal Antibody; OSR1 (Phospho-Thr185) Antibody; anti-OSR1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | OSR1 (Phospho-Thr185) Antibody detects endogenous levels of OSR1 only when phosphorylated at Thr185.                                                                                             |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 527                                                                                                                                                                                              |
| Applicable Applications for anti-OSR1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:T185; M:T185                                                                                                                                                                                   |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human OSR1 around the phosphorylation site of Thr185.                                                                        |
| Immunogen Range                                | 151-200                                                                                                                                                                                          |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using OSR1 (Phospho-Thr185) Antibody. The picture on the right is blocked with the phospho peptide.

**WB (Western Blot)**  
Western blot analysis of lysates from HepG2 cells treated with serum 20% 15', using OSR1 (Phospho-Thr185) Antibody. The lane on the right is blocked with the phospho peptide.

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 kDa                               |
| 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.