Data Sheet (Cat.No.TMAC-02927)

Anti-Phospho-OXSR1 (Thr185) Polyclonal Antibody

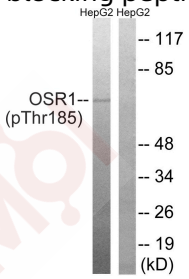
Product Details

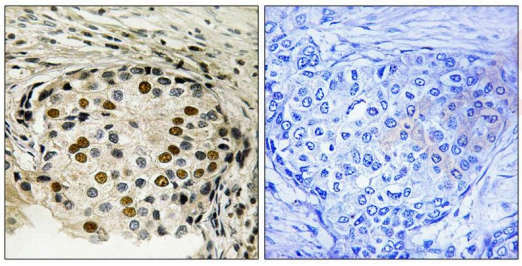
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 65 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from HepG2 cells treated with serum using OSR1 (Phospho-Thr185) Antibody TMAC-02927. The lane on the right is treated with the antigen-specific peptide.
2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using OSR1 (Phospho-Thr185) antibody TMAC-02927 (left) or the same antibody preincubated with blocking peptide (right).





Application:	IHC,WB
Recommended	WB: 1:500-1000; IHC: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of threonine185(R-K-T(p)-F-V) derived from Human OSR1
Antigen Species:	Human
Uniprot ID:	O95747
Synonyms:	OXSR1 (p-T185);p-OXSR1 (Thr185);OXSR1 (p-Thr185);p-OXSR1 (T185)

Research Background

Oxidative-stress responsive 1 gene is located in the vicinity of three others genes - GOLGA4, ITGA9 and HYA22 on chromosome 3. These four genes are considered to be candidate tumor suppressors. Oxidative-stress responsive 1 protein has similarity to human Ste20/oxidant stress response kinase-1 and is thought to be involved in the response to oxidative stress

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481