



IRS-1 (Phospho-Ser307) Antibody

E11-7120A

Catalog Number: E11-7120A

Concentration: 1mg/ml

Swiss-Prot No.: P35568

Other Names: Insulin receptor substrate-1; IRS-1; IRS1

All Sites: Human: Ser307; Mouse: Ser302; Rat: Ser302

Storage/Stability: Store at -20 °C/1 ye

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human IRS-1 around the phosphorylation site of serine 307 (T-E-S^P-I-T).

Purification: The antibody was 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.

Specificity: IRS-1 (Phospho-Ser307) antibody detects endogenous levels of IRS-1 only when phosphorylated at serine 307.

Reactivity: Human, Mouse, Rat

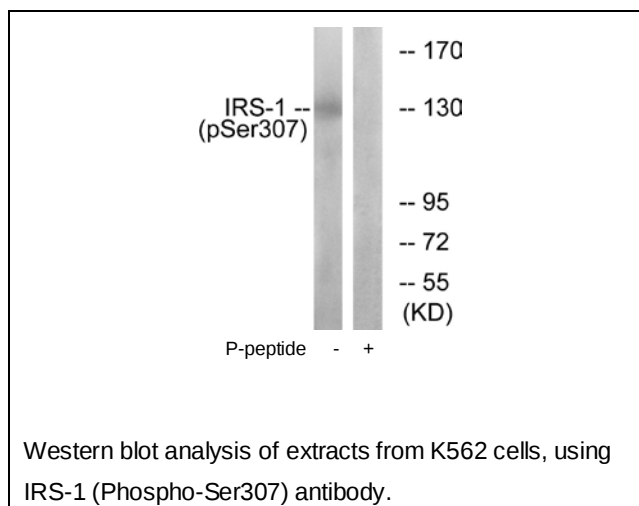
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:10000

References:

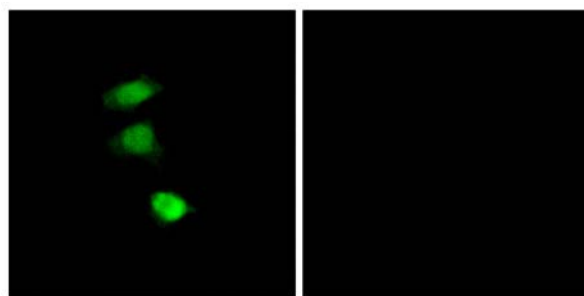
Araki E., Diabetes 42:1041-1054(1993).

Nishiyama M., Biochem. Biophys. Res. Commun. 183:280-285(1992).

The MGC Project Team; Genome Res. 14:2121-2127(2004).



For Research Use Only



P-peptide

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Immunofluorescence analysis of COS-7 cells, using IRS-1
(Phospho-Ser307) antibody.