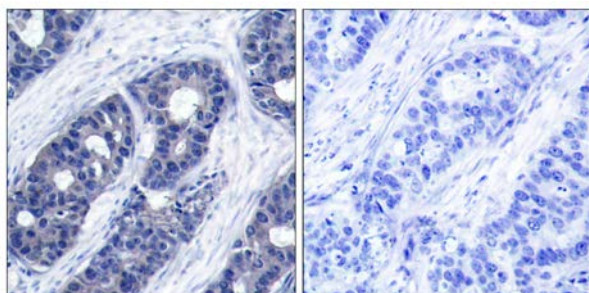




IRS-1 (Ab-636) Antibody

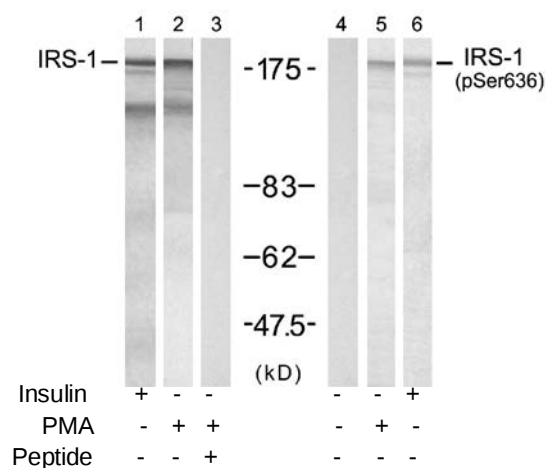
E021223

- Catalog Number:** E021223-1, E021223-2
- Amount:** 50µg/50µl, 100µg/100µl
- Swiss-Prot No. :** P35568
- 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.
- Storage/Stability:** Store at -20°C/1 year
- Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human IRS-1 around the phosphorylation site of serine 636 (P-M-S^P-P-K).
- Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
- Specificity/Sensitivity:** IRS-1 (Ab-636) antibody detects endogenous levels of total IRS-1 protein.
- Reactivity:** Human, Mouse, Rat
- Applications:** WB: 1:500~1:1000 IHC: 1:50-1:100
- References:** Ozes ON, et al. (2001) Proc Natl Acad Sci U S A; 98(8): 4640-4645
 Tzatsos A, et al. (2006) Mol Cell Biol; 26(1): 63-76
 Kadowaki T, et al. (2000) J Clin Invest; 106(4): 459-465
 Ozes ON, et al. (2001) Proc Natl Acad Sci U S A; 98(8): 4640-4645
 Szanto I, et al. (2000) Proc Natl Acad Sci U S A; 97(5): 2355-2360



Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using IRS-1 (Ab-636) antibody (E021223).



Western blot analysis of extracts from 293 cells treated with insulin (100nM, 30min) or PMA (0.2µM, 15min) using IRS-1 (Ab-636) antibody (E021223, Lane 1, 2 and 3) and IRS-1 (phospho-Ser636) antibody (E011230, Lane 4, 5 and 6).

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