



## GATA4 (Phospho-Ser262) Antibody

**E11-0934A****Catalog Number:** E11-0934A**Concentration:** 1mg/ml**Swiss-Prot No.:** P43694**Other Names:** DNA binding protein GATA-GT2, GATA4, GATA binding factor-4, GATA-4, Transcription factor GATA-4**All Sites:** Human: Ser262; Mouse: Ser261; Rat: Ser261**Storage/Stability:** Store at -20°C/1 year**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 GATA4 around the phosphorylation site of serine 262 (R-L-S<sup>P</sup>-A-S).**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.

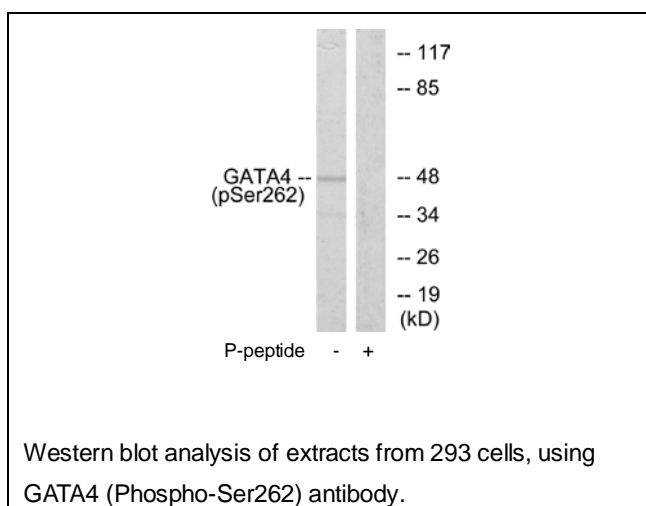
**Specificity:** GATA4 (Phospho-Ser262) antibody detects endogenous levels of GATA4 only when phosphorylated at serine 262.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IF: 1:100~1:500  
ELISA: 1:5000**References:**

Audrey Holtzinger. Development, Sep 2005; 132: 4005 - 4014.

José Rivera-Feliciano. Development, Sep 2006; 133: 3607 - 3618.

Elisabeth M. Zeisberg. J. Clin. Invest., Jun 2005; 115: 1522 - 1531.

Jakub Kwintkiewicz. Mol. Endocrinol., Apr 2007; 21: 933 - 947.

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