



## Arrestin 1 (Phospho-Ser412) Antibody

E11-0455A

**Catalog Number:** E11-0455A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P49407

**Other Names:** ARR1, arrestin 2, arrestin beta 1, beta-arrestin-1

**All Sites:** Human: Ser412

**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 Arrestin-1 around the phosphorylation site of serine 412 (T-G-S<sup>P</sup>-P-Q).

**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:** Arrestin 1 (Phospho-Ser412) antibody detects endogenous levels of Arrestin-1 only when phosphorylated at serine 412.

**Reactivity:** Human

**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000

**References:**

Greg Buchanan. AACR Meeting Abstracts, Apr 2006; 2006: 430.

D. Alex Groarke. Mol. Pharmacol., Feb 2001; 59: 375.

Karen McConalogue. Mol. Biol. Cell, Aug 1998; 9: 2305.

Maria Stella Lombardi. Stroke, Apr 2004; 35: 981 - 986.

