

CARM1 (Phospho-Ser228) Antibody

Catalog Number: E011331-1, E011331-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No.: Q86X55

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 phosphopeptide derived from human

CARM1 around the phosphorylation site of serine 228 (V-K-S^P-N-N).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: CARM1 (Phospho-Ser228) antibody detects endogenous levels of CARM1 only when

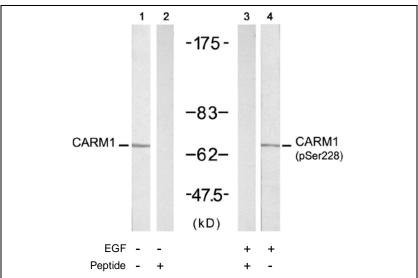
phosphorylated at serine 228.

Reactivity: Human, Mouse, Rat **Applications:** WB: 1:500~1:1000

References: Selma El Messaoudi, et al. (2006) Proc Natl Acad Sci U S A; 103(36): 13351–13356.

Marcela Covic, et al. (2005) EMBO J; 24(1): 85-96.

Eleni Zika et al. (2005) Proc Natl Acad Sci U S A.; 102(45): 16321–16326 Neelu Yadav et al. (2003) Proc Natl Acad Sci U S A; 100(11): 6464–6468



Western blot analysis of extracts from A431 cells untreated or treated with EGF (200ng/ml, 5min), using CARM1 (Ab-228) antibody (E021331, Line 1 and 2) and CARM1 (Phospho-Ser228) antibody (E011331, Line 3 and 4).