



CRMP-2 (Phospho-Thr509) Antibody

E11-8324A

Catalog Number: E11-8324A

Concentration: 1mg/ml

Swiss-Prot No.: Q16555

Other Names: Collapsin response mediator protein 2; CRMP2; Dihydropyrimidinase related protein-2; DPYL2; DPYSL2; DRP-2; N2A3; TOAD-64; Turned on after division, 64 kDa protein; ULIP 2 protein; ULIP2

All Sites: Human: Thr509; Mouse: Thr509; Rat: Thr509

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

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.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human CRMP-2 around the phosphorylation site of threonine 509 (S-V-T^P-PK).

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: CRMP-2 (Phospho-Thr509) antibody detects endogenous levels of CRMP-2 only when phosphorylated at threonine 509.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

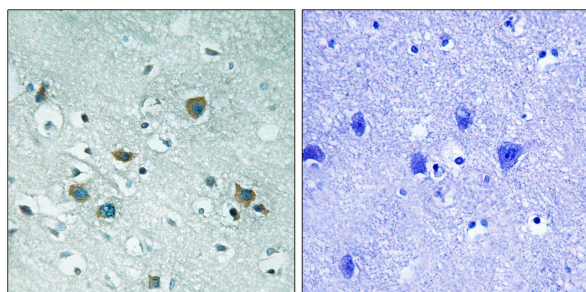
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

References:

Miki Y., Science 266:66-71(1994).

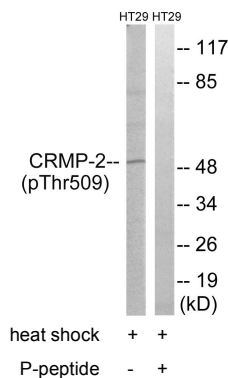
Smith T.M., Genome Res. 6:1029-1049(1996).

Wilson C.A., Oncogene 14:1-16(1997).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using CRMP-2 (Phospho-Thr509) antibody.



Western blot analysis of extracts from HT-29 cells, treated with heat shock, using CRMP-2 (Phospho-Thr509) antibody.

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