



## MEK2 (Ab-394) Antibody

#21008

**Catalog Number:** 21008-1, 21008-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** P36507

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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 MEK2 around the phosphorylation site of threonine 394 (P-G-T<sup>P</sup>-P-T).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

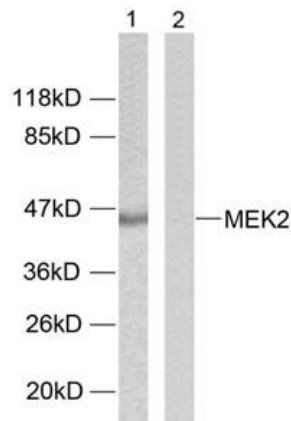
**Specificity/Sensitivity:** MEK2 (Ab-394) Antibody detects endogenous levels of total MEK2 protein

**Reactivity:** Human, Mouse, Rat

**Applications:**

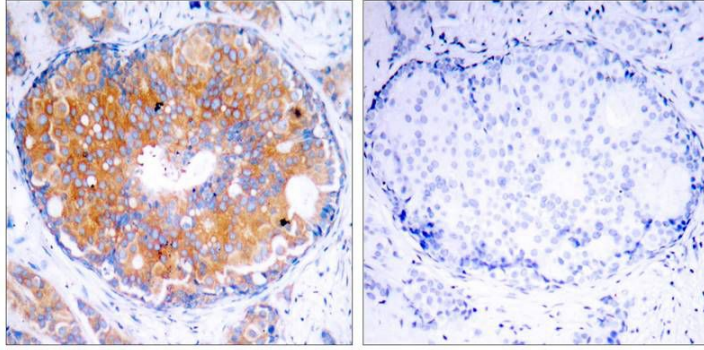
Predicted MW: 44kd

WB: 1:500~1:1000 IHC: 1:50~1:100



Peptide - +

Western blot analysis of extracts from ovary cancer cells using MEK2 (Ab-394) antibody (#21008).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK2 (Ab-394) antibody (#21008).

**Background :**

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases

**References:**

- Crews C M, et al. (1992) Science. 258:478-480.
- Alessi D R, et al. (1994) EMBO J. 13:1610-1619.
- Rosen L B, et al. (1994) Neuron. 12:1207-1221.
- Cowley S, et al. (1994) Cell. 77:841-852.