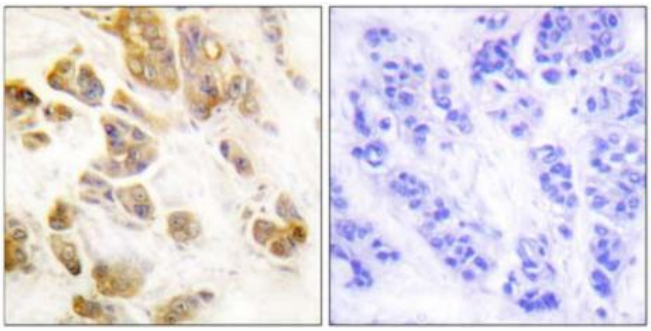
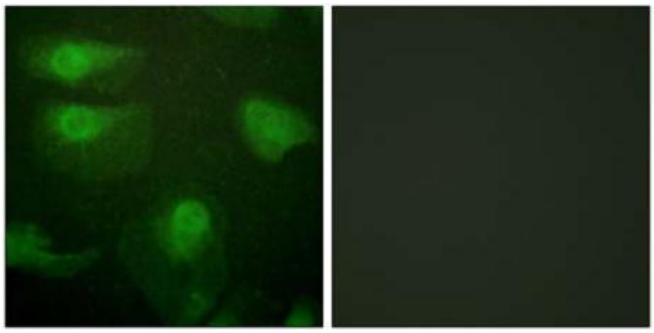
CaMK1-α (Phospho-Thr177) Antibody

Catalog No.	60830
Product Name	CaMK1-α (Phospho-Thr177) Antibody
Size	50ug, 100ug
Concentration	1 mg/ml
Specificity	Detects endogenous levels of CaMK1-α only when phosphorylated at threonine 177.
Reactivity	Human, Mouse, Rat
Immunogen	Synthesized phosphopeptide derived from human CaMK1-α around the phosphorylation site of threonine 177 (L-S-T^P-A-C).
Applications	IHC: 1/50 – 1/100; IF: 1/500 – 1/1000
Swiss-Prot No.	Q14012 (Human)
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Buffer	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	-20°C for one year. Avoid freeze/thaw cycles.
Purification	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.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using CaMK1-α (Phospho-Thr177) antibody.
Left: P-peptide –
Right: P-peptide +



Immunofluorescence analysis of HeLa cells, using CaMK1-α (Phospho-Thr177) antibody.
Left: P-peptide –
Right: P-peptide +

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