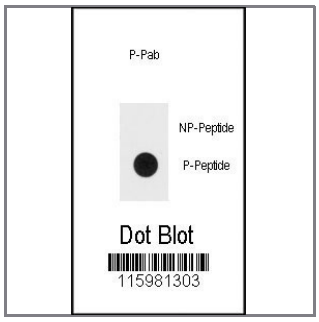
Bi-phospho-ERK1/2-T202/Y204 Antibody

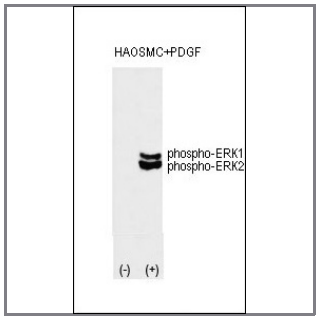
Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog #	Applications:	Reactivity:	Accessions:
AP3607a	WB, DB, E	H	P27361
Concentration:	**Size:**	**Isotype:**	**Clone Name:**
0.25 mg/ml	0.1 mg	Rabbit Ig	RB15981

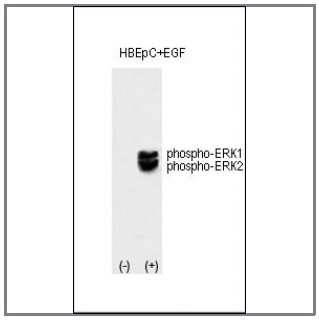
Application Data: **Calculated MW: 43136 Da**



Dot blot analysis of Bi-phospho-ERK1/2-T202/Y204 Antibody (Cat.#AP3607a) on nitrocellulose membrane. 50ng of Bisphospho-peptide or Non Phosphorylated peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.



Western blot analysis of ERK1/2 (arrow) using rabbit polyclonal P-MAPK(T202/Y204) (Cat.#AP3607a). HAOSMC cell lysates either transiently induced (Lane 2) or noninduced with the PDGF (Lane 1)(2 ug/lane).



Western blot analysis of ERK1/2 (arrow) using rabbit polyclonal P-MAPK(T202/Y204) (Cat.#AP3607a). HBEpC cell lysates either transiently induced (Lane 2) or noninduced with the EGF (Lane 1)(2 ug/lane) .

Gene ID:	Gene Symbol:
5595	MAPK3

Other Names:

Mitogen-activated protein kinase 3; Extracellular signal-regulated kinase 1; ERK-1; Insulin-stimulated MAP2 kinase; MAP kinase 1; MAPK 1; p44-ERK1; ERT2; p44-MAPK; Microtubule-associated protein 2 kinase; MAPK3; ERK1; PRKM3

Target/Specificity:

This Bi-phospho-ERK1/2-T202/Y204 antibody is generated from rabbits immunized with a KLH conjugated synthetic bisphosphopeptide incorporating amino acid residues surrounding phosphorylated T202 and Y204 of human ERK1.

Application Notes:

The suggested dilution is:
ELISA 1:1,000
Western blot 1:100~500
Dot Blot 1:500

Format:

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by two-step 2-sites phosphospecific peptide affinity purification.

Storage:

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions:

Bi-phospho-ERK1/2-T202/Y204 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.