

B-Raf (Phospho-Thr401) Antibody HRP Conjugated

Catalog No: #C05620H

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	B-Raf (Phospho-Thr401) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human B-Raf around the phosphorylation site of Thr401
Conjugates	HRP
Target Name	B-Raf Thr401
Other Names	B Raf phospho T401; p-B Raf phospho T401; 94 kDa B raf protein; B raf 1; B Raf proto oncogene serine threonine protein kinase; BRAF 1; Braf; BRAF1; cRmil; MGC126806; MGC138284; Murine sarcoma viral v-raf oncogene homolog B1; Murine sarcoma viral v raf oncogene homolog B1; p94; RAFB 1; RAFB1; v raf m
Accession No.	NCBI Gene ID673
Uniprot	P15056
GeneID	673;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

The Raf kinases are important intermediates in signal transduction. Raf protein family members, including A Raf and B Raf, have intrinsic serine threonine kinase activity. Interaction between Ras proteins and Raf proteins results in Raf-mediated phosphorylation and activation of MEK (also known as MAP kinase kinase). Defects in BRAF are involved in a wide range of cancers. B-Raf is a serine threonine protein kinase that acts as a signal transducer from membrane-associated receptors to nuclear transcription factors. 1 BRAF is important for the regulation of cell proliferation and determination of cell fate during embryogenesis. BRAF acts downstream of Ras and upstream of MEK in the Ras-Raf-MEK-ERK signal transduction pathway, which is a conserved RAS-activated protein kinase cascade that regulates cell growth, proliferation, and differentiation in response to growth factors, cytokines, and hormones.

Note: This product is for in vitro research use only