

Raf1(Ab-259) Antibody

Catalog No: #21006

Package Size: #21006-1 50ul #21006-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Raf1(Ab-259) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Raf1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.257~261 (S-T-S-T-P) derived from Human RAF.
Target Name	Raf1
Other Names	C-RAF; C-Raf; CRAF
Accession No.	Swiss-Prot: P04049NCBI Protein: NP_002871.1
Uniprot	P04049
GeneID	5894;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

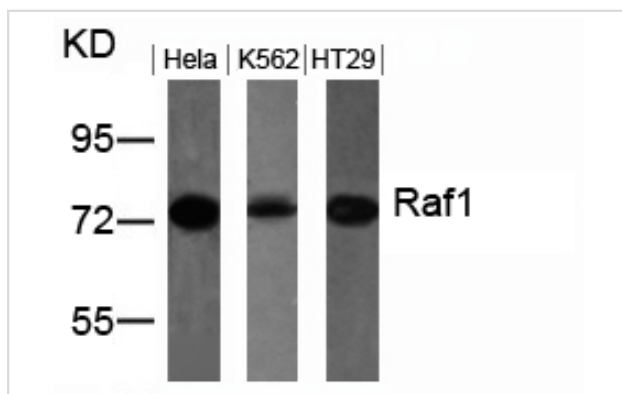
Application Details

Predicted MW: 73kd

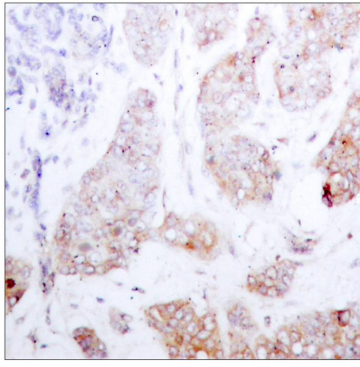
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HeLa, K562 and HT29 cells using Raf1(Ab-259) Antibody #21006.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Raf1(Ab-259) Antibody #21006.

Background

Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. Part of the Ras-dependent signaling pathway from receptors to the nucleus. Protects cells from apoptosis mediated by STK3.

Dougherty M K, et al. (2005) *Mol Cell*. 17(2): 215-224.

Hekman M, et al. (2005) *FEBS Lett*. 579(2): 464-468.

Avruch J, et al. (1994) *Trends Biochem. Sci*. 19, 279-283.

Chong H, et al. (2001) *EMBO J*. 20, 3716-3727.

King A J, et al. (1998) *Nature*. 396:180-183.

Fabian J R, et al. (1993) *Mol Cell Biol*. 13: 7170-7179.

Note: This product is for in vitro research use only