

Raf1 Antibody

Catalog No: #21006

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

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

Description

Product Name	Raf1 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	Human;Mouse;Rat
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.
Conjugates	Unconjugated
Target Name	Raf1
Other Names	C-RAF; C-Raf; CRAF
Accession No.	Swiss-Prot: P04049NCBI Protein: NP_002871.1
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.

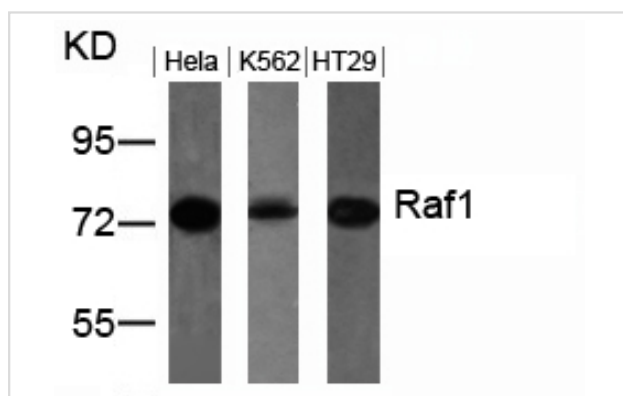
Application Details

Predicted MW: 73kd

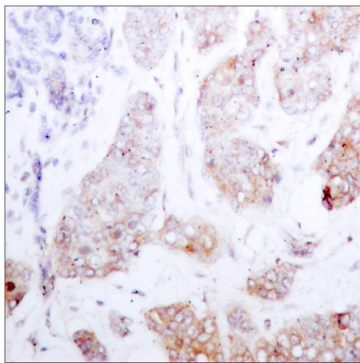
Western blotting: 1:500~1:1000

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.

Published Papers

el at., Prognostic Impact of Raf-1 and p-Raf-1 Expressions for Poor Survival Rate in Non-Small Cell Lung Cancer. In Cancer Sci on 2012 Oct by Zhi-Xin Qiu, Lei Wang, et al.. PMID:22738312, , (2012)

[PMID:22738312](#)

el at., MicroRNA-146b, a sensitive indicator of mesenchymal stem cell repair of acute renal injury. In Stem Cells Transl Med on 2016 Oct by Yuan Zhu, Jing Yu, et al.. PMID: 27400799

, , (2016)

[PMID:27400799](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.