

ABI1 Antibody

Catalog No: #36723

Package Size: #36723-1 50ul #36723-2 100ul

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

Description

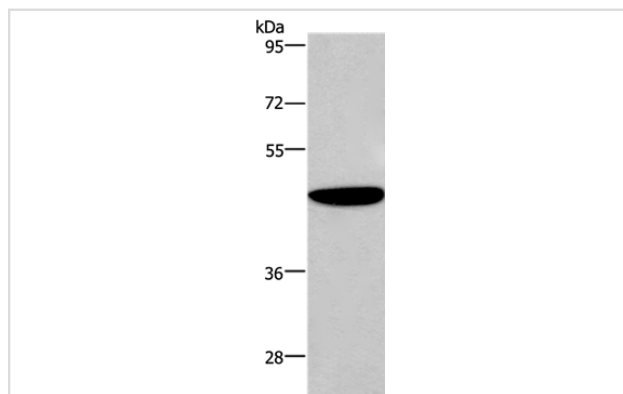
Product Name	ABI1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total ABI1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human abl-interactor 1
Conjugates	Unconjugated
Target Name	ABI1
Other Names	E3B1; ABI-1; ABLBP4; NAP1BP; SSH3BP; SSH3BP1
Accession No.	Swiss-Prot#: Q8IZP0NCBI Gene ID: 10006Gene Accssion: NP_005461
SDS-PAGE MW	55kd
Concentration	2.3mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

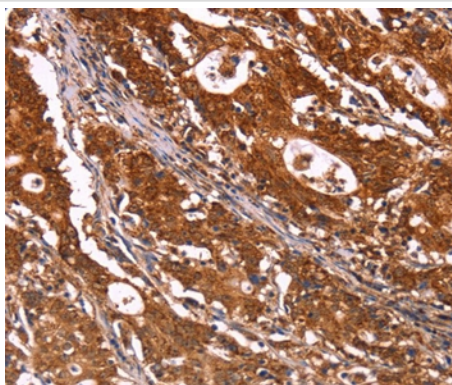
Lysates (from left to right): Human fetal brain tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/300 dilution

Secondary antibody dilution: 1/8000

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #36723 at dilution 1/40.

Background

This gene encodes a member of the Abelson-interactor family of adaptor proteins. These proteins facilitate signal transduction as components of several multiprotein complexes, and regulate actin polymerization and cytoskeletal remodeling through interactions with Abelson tyrosine kinases. The encoded protein plays a role in macropinocytosis as a component of the WAVE2 complex, and also forms a complex with EPS8 and SOS1 that mediates signal transduction from Ras to Rac. This gene may play a role in the progression of several malignancies including melanoma, colon cancer and breast cancer, and a t(10;11) chromosomal translocation involving this gene and the MLL gene has been associated with acute myeloid leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 14

Published Papers

Chen Yijiao;Ding Chen;He Fuchu;Qin Zhaoyu;Ren Li;Wei Ye;Xu Jianmin;Yue Xuetong;Zhou Pengyang;Zhu Dexiang;Zhuang Aobo;Zhuang Aojia et al., Proteomic characteristics reveal the signatures and the risks of T1 colorectal cancer metastasis to lymph nodes, , (2023)

[PMID:37158593](#)

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