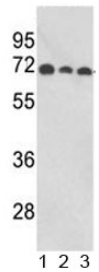
ABI1 Antibody (F51187)

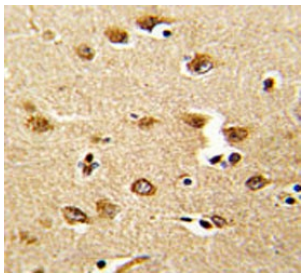
Catalog No.	Formulation	Size
F51187-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51187-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

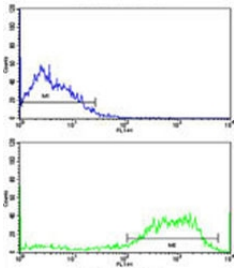
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8IZP0
Localization	Cytoplasmic
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This ABI1 antibody is available for research use only.



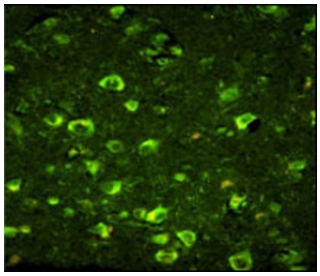
Western blot analysis of ABI1 antibody and human 1) MCF-7, 2) CEM, and 3) Jurkat lysate. Predicted molecular weight ~55 kDa, commonly observed at 55-65 kDa.



IHC analysis of FFPE human brain tissue stained with ABI1 antibody



Flow cytometric analysis of SK-Br-3 cells using ABI1 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunofluorescence analysis of ABI1 antibody with paraffin-embedded human brain tissue. Primary antibody was followed by FITC-conjugated goat anti-rabbit lgG (green).

Description

Abelson interactor 1 has been found to form a complex with EPS8 and SOS1, and is thought to be involved in the transduction of signals from Ras to Rac. In addition, this protein may play a role in the regulation of EGF-induced Erk pathway activation as well as cytoskeletal reorganization and EGFR signaling.

Application Notes

Titration of the ABI1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 81-108 from the human protein was used as the immunogen for this ABI1 antibody.

Storage

Aliquot the ABI1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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