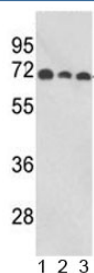


## ABI1 Antibody (F51187)

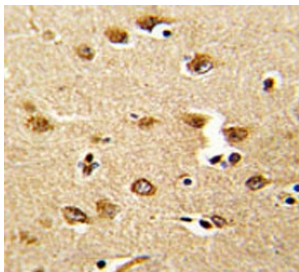
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F51187-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F51187-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

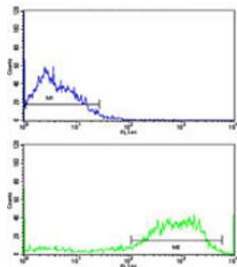
|                             |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|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



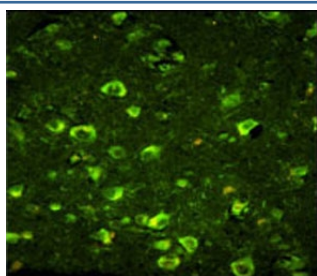
Western blot analysis of ABI1 antibody and human 1) MCF-7, 2) CEM, and 3) Jurkat lysate. Predicted molecular weight ~55 kDa, commonly observed at 55-65 kDa.



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](http://www.nsjbio.com/search_result.php?search_txt=n1001) (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 IgG (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.