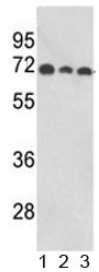
# ABI1 Antibody (F51187)

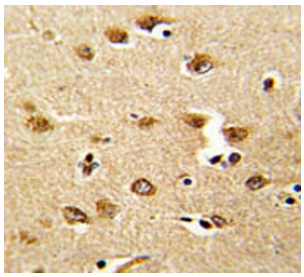
| Catalog No. | Formulation | Size |
|---|---|---|
| F51187-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F51187-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

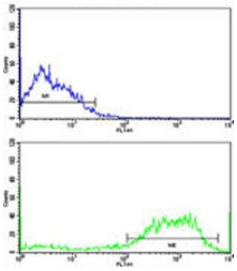
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity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



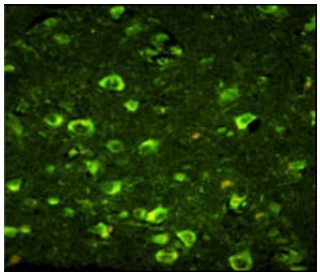

Western blot analysis of ABI1 antibody and human 1) MCF-7, 2) CEM, and 3) Jurkat lysate. Predicted molecular weight ~55 kDa, commonly observed at 55-65 kDa.



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 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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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