

## Abi 1 Ab

[Images\(5\)](#)

Cat.#: AF5158  
 Size:

Concn.: ~1mg/ml  
 Source: Rabbit

Mol.Wt.: 55 kDa  
 Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

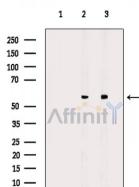
A synthesized peptide derived from human Abi 1, corresponding to a region within the internal amino acids.

Uniprot:

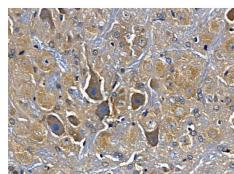
Q8IZP0

Description:

May act in negative regulation of cell growth and transformation by interacting with nonreceptor tyrosine kinases ABL1 and/or ABL2. May play a role in regulation of EGF-induced Erk pathway activation. Involved in cytoskeletal reorganization and EGFR signaling. Together with EPS8 participates in transduction of signals from Ras to Rac.



Western blot analysis of extracts from various samples, using Abi 1 Ab.  
 Lane 1: 293 cells, blocked with antigen-specific peptides,  
 Lane 2: 293 cells,  
 Lane 3: PC12 cells.



AF5158 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking,



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website:www.affbiotech.com  
order:order@affbiotech.com

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