



Rabbit polyclonal antibody to human ABI1 (483-494) : Affinity purified

Catalogue No.:	R-1032-100
Description:	Abelson interactor 1 (ABI1) is widely expressed with highest expression in brain. ABI1 in participation with EPS8 and SOS1 is involved in the transduction of signals from Ras to Rac. At least 10 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (WYEGVCNRVTGL) corresponding to a region (483-494) from human Abelson interactor 1 (ABI1). To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Abelson interactor; Abi-1; Spectrin SH3 domain-binding protein 1; Eps8 SH3 domain-binding protein; Eps8-binding protein; e3B1; Nap1-binding protein; Nap1BP; Abl-binding protein 4; AbIBP4; SSH3BP1;
Accession:	Q8IZP0 ABI1_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human ABI1 (isoform 1) has a predicted length of 508 residues and MW of 55 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect ABI1 in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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