antibodies

Datasheet for ABIN2714283 ABI1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Overview

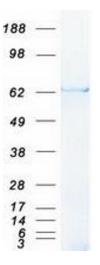
Image

Overview	
Quantity:	20 µg
Target:	ABI1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABI1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human ABI1 / SSH3BP1 (transcript variant 1) protein expressed in HEK293 cells.
	 Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	ABI1
Alternative Name:	Abi1,ssh3bp1 (ABI1 Products)

Background:	This gene encodes a member of the Abelson-interactor family of adaptor proteins. These
	proteins facilitate signal transduction as components of several multiprotein complexes, and
	regulate actin polymerization and cytoskeletal remodeling through interactions with Abelson

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	tyrosine kinases. The encoded protein plays a role in macropinocytosis as a component of the
	WAVE2 complex, and also forms a complex with EPS8 and SOS1 that mediates signal
	transduction from Ras to Rac. This gene may play a role in the progression of several
	malignancies including melanoma, colon cancer and breast cancer, and a t(1011)
	chromosomal translocation involving this gene and the MLL gene has been associated with
	acute myeloid leukemia. Alternatively spliced transcript variants encoding multiple isoforms
	have been observed for this gene, and a pseudogene of this gene is located on the long arm of
	chromosome 14.
Molecular Weight:	54.9 kDa
NCBI Accession:	NP_005461
Pathways:	RTK Signaling, Response to Water Deprivation, ER-Nucleus Signaling
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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