

# BPOZ Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55011

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q969K4</a>
<b>Reactivity</b>	Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	53979
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human BPOZ/ABTB1
<b>Epitope Specificity</b>	151-250/478
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm.
<b>SIMILARITY</b>	Contains 2 ANK repeats. Contains 2 BTB (POZ) domains.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	This gene encodes a protein with an ankyrin repeat region and two BTB/POZ domains, which are thought to be involved in protein-protein interactions. Expression of this gene is activated by the phosphatase and tensin homolog, a tumor suppressor. Alternate splicing results in three transcript variants. [provided by RefSeq, Mar 2010]

## Additional Information

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<b>Gene ID</b>	80325
<b>Other Names</b>	Ankyrin repeat and BTB/POZ domain-containing protein 1, Elongation factor 1A-binding protein, ABTB1 ( <a href="#">HGNC:18275</a> )
<b>Target/Specificity</b>	Ubiquitously expressed in all fetal tissues examined including heart, brain, liver, and kidney. Also expressed at lower levels in both adult heart and hypertrophic heart.
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

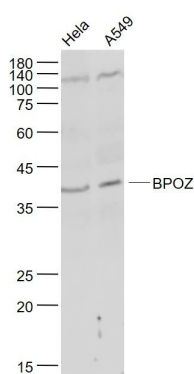
## Protein Information

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<b>Name</b>	ABTB1 ( <a href="#">HGNC:18275</a> )
<b>Function</b>	May act as a mediator of the PTEN growth-suppressive signaling pathway. May play a role in developmental processes.
<b>Cellular Location</b>	Cytoplasm.
<b>Tissue Location</b>	Ubiquitously expressed in all fetal tissues examined including heart, brain, liver, and kidney. Also expressed at lower levels in both adult heart and hypertrophic heart

## Images

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### Sample:

HeLa(Human) Cell Lysate at 30 ug

A549(Human) Cell Lysate at 30 ug

Primary: Anti- BPOZ (AP55011) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 54 kD

Observed band size: 38 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.