

BPOZ Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55011

Specification

BPOZ Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Physical State

Q969K4
Rat
Rabbit
Polyclonal
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human BPOZ/ABTB1

Epitope Specificity 151-250/478

lsotype IgG

Purity affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm.

SIMILARITY Contains 2 ANK repeats. Contains 2 BTB

(POZ) domains.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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]

BPOZ Polyclonal Antibody - Additional Information

Gene ID 80325

Other Names

Ankyrin repeat and BTB/POZ domain-containing protein 1, Elongation factor 1A-binding protein, ABTB1 (HGNC:18275)

Target/Specificity

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.

Dilution

WB~~1:1000<br \><span class</pre>



="dilution_IHC-P">IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \><br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A
E \sim N/A

Storage

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.

BPOZ Polyclonal Antibody - Protein Information

Name ABTB1 (HGNC:18275)

Function

May act as a mediator of the PTEN growth-suppressive signaling pathway. May play a role in developmental processes.

Cellular Location

Cytoplasm.

Tissue Location

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

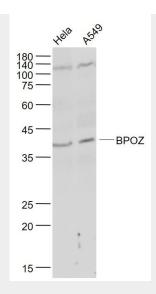
BPOZ Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BPOZ Polyclonal Antibody - Images





Sample:

Hela(Human) Cell Lysate at 30 ug A549(Human) Cell Lysate at 30 ug

Primary: Anti- BPOZ (bs-12881R) at 1/1000 dilution

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

Predicted band size: 54 kD Observed band size: 38 kD