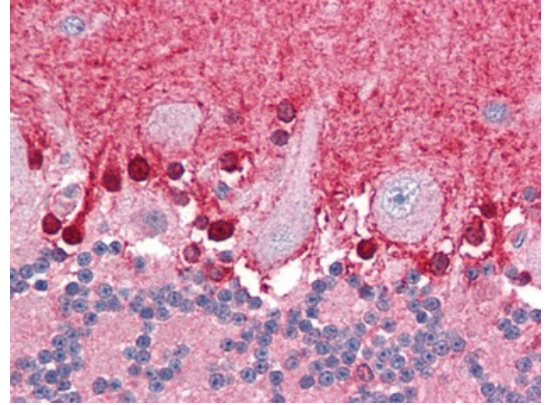


**AP22527PU-N****Polyclonal Antibody to ABTB1 (465-478) - Aff - Purified**

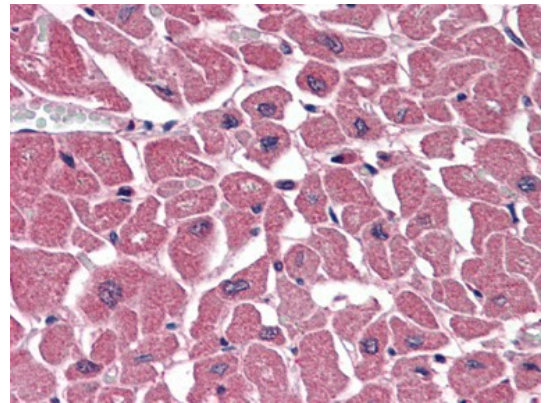
<b>Alternate names:</b>	Ankyrin repeat and BTB/POZ domain-containing protein 1, BPOZ, PP2259
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	May act as a mediator of the PTEN growth-suppressive signaling pathway. May play a role in developmental processes.
<b>Uniprot ID:</b>	<a href="#">Q969K4</a>
<b>NCBI:</b>	<a href="#">NP_115937</a>
<b>GeneID:</b>	<a href="#">80325</a>
<b>Host:</b>	Goat
<b>Immunogen:</b>	ABTB1 antibody was raised against synthetic peptide from C-terminus of human ABTB1. <b>Genename:</b> ABTB1 <b>AA Sequence:</b> RALEDLLVSIQLDC <b>Remarks:</b> Percent identity by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Mouse, Hamster, Panda, Dog, Horse (100%); Gibbon, Rat, Bat (93%); Elephant, Bovine (86%)
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> Tris saline buffer, pH 7.3 containing 0.5% BSA, 0.02% sodium azide
<b>Applications:</b>	<b>ELISA:</b> 1/32000. <b>Immunohistochemistry on Paraffin Sections:</b> 3.75 µg/ml. <b>Western Blot:</b> 1/32000, 1 - 3 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to Ankyrin Repeat And BTB (POZ) Domain Containing 1 (ABTB1) at aa 465-478. It is expected to recognise all reported isoforms (NP_115937.1; NP_742024.1; NP_742025.1).
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Gorilla, Monkey, Marmoset, Mouse, Hamster, Panda, Dog, Horse, Gibbon, Rat, Bat, Elephant, Bovine
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**Pictures:**

Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with ABTB1 antibody AP22527PU-N at 3.75 µg/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Heart (formalin-fixed, paraffin-embedded) stained with ABTB1 antibody AP22527PU-N at 3.75 µg/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Antibody staining (AP22527PU-N, 1 µg/ml) of Human Heart lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

