

## Datasheet

### ACP1 purified MaxPab rabbit polyclonal antibody (D01P)

**Catalog Number:** H00000052-D01P

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human ACP1 protein.

**Immunogen:** ACP1 (NP\_009030.1, 1 a.a. ~ 158 a.a) full-length human protein.

**Sequence:**

MAEQATKSVLFVCLGNICRSPIAEAVFRKLVTDQNISE  
NWVIDSGAVSDWNVGRSPDPRAVSCLRNHGIHTAHK  
ARQITKEDFATFDYILCMDESNLRDLNRKSNQVKTKCA  
KIELLSYDPQKQLIIEDPYYGNDSDFETVYQQCVRCC  
RAFLEKAH

**Host:** Rabbit

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 52

**Gene Symbol:** ACP1

**Gene Alias:** HAAP, MGC111030, MGC3499

**Gene Summary:** The product of this gene belongs to the phosphotyrosine protein phosphatase family of proteins. It functions as an acid phosphatase and a protein tyrosine phosphatase by hydrolyzing protein tyrosine phosphate to protein tyrosine and orthophosphate. This enzyme also hydrolyzes orthophosphoric monoesters to alcohol and

orthophosphate. This gene is genetically polymorphic, and three common alleles segregating at the corresponding locus give rise to six phenotypes. Each allele appears to encode at least two electrophoretically different isozymes, Bf and Bs, which are produced in allele-specific ratios. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]