

## HEM1 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP02957
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human HEM1
Mol wt	70400
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	HEM1
Synonyms	HEM1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

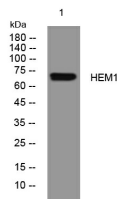
This gene encodes the mitochondrial enzyme which catalyzes the rate-limiting step in heme (iron-protoporphyrin) biosynthesis. The enzyme encoded by this gene is the housekeeping enzyme; a separate gene encodes a form of the enzyme that is specific for erythroid tissue. The level of the mature encoded protein is regulated by heme: high levels of heme down-regulate the mature enzyme in mitochondria while low heme levels up-regulate. A pseudogene of this gene is located on chromosome 12. Alternative splicing results in multiple transcript variants encoding different isoforms.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year