

LHPP Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22044c**Specification**

LHPP Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9H008
Other Accession	Q0VD18
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	29165

LHPP Antibody (Center) - Additional Information**Gene ID** 64077**Other Names**

Phospholysine phosphohistidine inorganic pyrophosphate phosphatase, hLHPP, 3.1.3.-, 3.6.1.1, LHPP

Target/Specificity

This LHPP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 84-116 amino acids from the Central region of human LHPP.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LHPP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LHPP Antibody (Center) - Protein Information**Name** LHPP

Function Phosphatase that hydrolyzes imidodiphosphate, 3- phosphohistidine and 6-phospholysine. Has broad substrate specificity and can also hydrolyze inorganic diphosphate, but with lower efficiency (By similarity).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

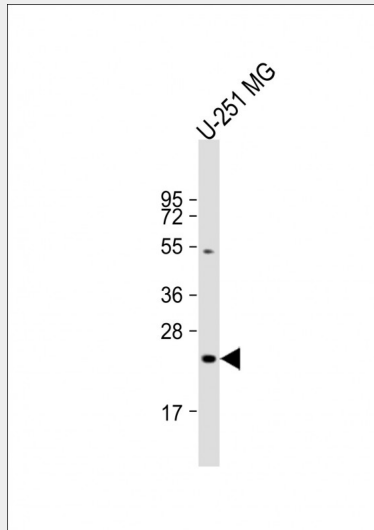
Expressed in brain, and at lower levels in liver and kidney. Detected in thyroid (at protein level). Expressed in liver, kidney and moderately in brain.

LHPP Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LHPP Antibody (Center) - Images



Anti-LHPP Antibody (Center) at 1:2000 dilution + U-251 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 29 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

LHPP Antibody (Center) - Background

Phosphatase that hydrolyzes imidodiphosphate, 3- phosphohistidine and 6-phospholysine. Has broad substrate specificity and can also hydrolyze inorganic diphosphate, but with lower efficiency (By similarity).

LHPP Antibody (Center) - References

Yokoi F.,et al.J. Biochem. 133:607-614(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).
Koike E.,et al.Biochem. Biophys. Res. Commun. 341:691-696(2006).