

**AGPHD1 Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21550a**

**Specification**

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**AGPHD1 Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">A2RU49</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	41933

**AGPHD1 Antibody (N-Term) - Additional Information**

**Gene ID** 123688

**Other Names**

Hydroxylysine kinase, 5-hydroxy-L-lysine kinase, Aminoglycoside phosphotransferase domain-containing protein 1, HYKK, AGPHD1

**Target/Specificity**

This AGPHD1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 65-99 amino acids from human AGPHD1.

**Dilution**

WB~~1:2000

**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**

AGPHD1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**AGPHD1 Antibody (N-Term) - Protein Information**

**Name** HYKK

**Synonyms** AGPHD1

**Function** Catalyzes the GTP-dependent phosphorylation of 5-hydroxy-L- lysine.

## Cellular Location

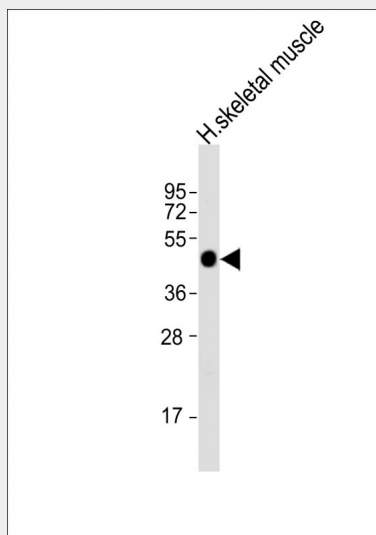
Cytoplasm.

## AGPHD1 Antibody (N-Term) - 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](#)

## AGPHD1 Antibody (N-Term) - Images



Anti-AGPHD1 Antibody (N-Term) at 1:2000 dilution + human skeletal muscle lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

## AGPHD1 Antibody (N-Term) - Background

Catalyzes the GTP-dependent phosphorylation of 5- hydroxy-L-lysine.

## AGPHD1 Antibody (N-Term) - References

Ota T., et al. Nat. Genet. 36:40-45(2004).  
Zody M.C., et al. Nature 440:671-675(2006).  
Mural R.J., et al. Submitted (DEC-2006) to the EMBL/GenBank/DDBJ databases.  
Veiga-da-Cunha M., et al. J. Biol. Chem. 287:7246-7255(2012).