

**alpha-fetoprotein (aa68-82) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF4066a

**Specification**

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**alpha-fetoprotein (aa68-82) Antibody (internal region) - Product Information**

Application	WB
Primary Accession	<a href="#">P02771</a>
Other Accession	<a href="#">NP_001125.1</a> , <a href="#">174</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	68678

**alpha-fetoprotein (aa68-82) Antibody (internal region) - Additional Information**

**Gene ID** 174

**Other Names**

Alpha-fetoprotein, Alpha-1-fetoprotein, Alpha-fetoglobulin, AFP, HPAFP

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

alpha-fetoprotein (aa68-82) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**alpha-fetoprotein (aa68-82) Antibody (internal region) - Protein Information**

**Name** AFP

**Synonyms** HPAFP

**Function**

Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties.

**Cellular Location**

Secreted.

**Tissue Location**

Plasma. Synthesized by the fetal liver and yolk sac

**alpha-fetoprotein (aa68-82) Antibody (internal region) - 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](#)

**alpha-fetoprotein (aa68-82) Antibody (internal region) - Images**

AF4066a (0.3 µg/ml) staining of HepG2 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**alpha-fetoprotein (aa68-82) Antibody (internal region) - References**

Downregulation of alpha-fetoprotein expression by LHX4: a critical role in hepatocarcinogenesis. Hung TM, Hu RH, Ho CM, Chiu YL, Lee JL, Jeng YM, Shih DT, Lee PH. Carcinogenesis 2011 Dec 32 (12): 1815-23. PMID: 21965270