

**ANR49 Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP4966c**Specification**

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**ANR49 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O8WVL7](#)  
Other Accession [NP\\_060174](#)

**ANR49 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 54851

**Other Names**

Ankyrin repeat domain-containing protein 49, Fetal globin-inducing factor, ANKRD49, FGIF

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ANR49 Antibody (Center) Blocking Peptide - Protein Information**

Name ANKRD49

Synonyms FGIF

**Function**

Induces HBG1 expression (PubMed:<a href="http://www.uniprot.org/citations/11162141" target="\_blank">11162141</a>, PubMed:<a href="http://www.uniprot.org/citations/16131492" target="\_blank">16131492</a>). May have a role in spermatogenesis where it promotes autophagy in response to serum starvation, via the NF-kappaB pathway (By similarity).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q8VE42}.

**Tissue Location**

Widely expressed in fetus, at a high level in fetal liver, brain and lung.

**ANR49 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ANR49 Antibody (Center) Blocking Peptide - Images**

**ANR49 Antibody (Center) Blocking Peptide - References**

Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)Blau, C.A., et al. J. Biol. Chem. 280(44):36642-36647(2005)Pitts, S.A., et al. Hum. Mol. Genet. 10(11):1155-1162(2001)Yang, Y., et al. Blood Cells Mol. Dis. 27(1):1-15(2001)