

**ZNF322A Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17366b****Specification**

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**ZNF322A Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q6U7Q0](#)**ZNF322A Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79692**Other Names**

Zinc finger protein 322, Zinc finger protein 322A, Zinc finger protein 388, Zinc finger protein 489, ZNF322, ZNF322A, ZNF388, ZNF489

**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.

**ZNF322A Antibody (C-term) Blocking Peptide - Protein Information****Name** ZNF322**Synonyms** ZNF322A, ZNF388, ZNF489**Function**

Transcriptional activator (PubMed:&lt;a href="http://www.uniprot.org/citations/15555580" target="\_blank"&gt;15555580&lt;/a&gt;). Important for maintenance of pluripotency in embryonic stem cells (By similarity). Binds directly to the POU5F1 distal enhancer and the NANOG proximal promoter, and enhances expression of both genes (By similarity). Can also bind to numerous other gene promoters and regulates expression of many other pluripotency factors, either directly or indirectly (By similarity). Promotes inhibition of MAPK signaling during embryonic stem cell differentiation (By similarity).

**Cellular Location**

Cytoplasm. Nucleus. Note=Mainly found in the nucleus

**Tissue Location**

Ubiquitous. Highly expressed in heart and skeletal muscle.

**ZNF322A Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ZNF322A Antibody (C-term) Blocking Peptide - Images****ZNF322A Antibody (C-term) Blocking Peptide - Background**

ZNF322A is a member of the zinc-finger transcriptionfactor family and may regulate transcriptional activation in MAPK(see MAPK1; MIM 176948) signaling pathways (Li et al., 2004 [PubMed1555580]).

**ZNF322A Antibody (C-term) Blocking Peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Li, Y., et al. Biochem. Biophys. Res. Commun. 325(4):1383-1392(2004)