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ZNF322A Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17366b

Specification

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:15555580). 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.

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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 [PubMed15555580]).

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)