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ZNF322A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17366b

Specification

ZNF322A Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q6U7Q0
Other Accession	Q4R7X8, NP_078915.2
Reactivity	**Human**
Predicted	**Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**46941**
Antigen Region	**326-352**

ZNF322A Antibody (C-term) - Additional Information

Gene ID 79692

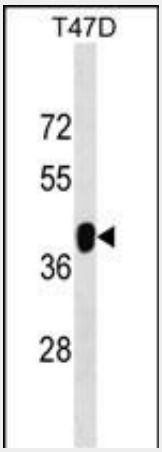
Other Names
Zinc finger protein 322, Zinc finger protein 322A, Zinc finger protein 388, Zinc finger protein 489, ZNF322, ZNF322A, ZNF388, ZNF489

Target/Specificity
This ZNF322A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-352 amino acids from the C-terminal region of human ZNF322A.

Dilution
WB~~1:1000

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.



ZNF322A Antibody (C-term) (Cat. #AP17366b) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the ZNF322A antibody detected the ZNF322A protein (arrow).

ZNF322A Antibody (C-term) - Background

ZNF322A is a member of the zinc-finger transcription
factor family and may regulate transcriptional activation in MAPK
(see MAPK1; MIM 176948) signaling pathways (Li et al., 2004 [PubMed 15555580]).

ZNF322A Antibody (C-term) - References

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

Precautions
ZNF322A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF322A Antibody (C-term) - 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.

ZNF322A Antibody (C-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 Cytomety
- Cell Culture