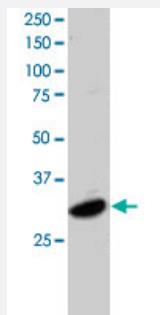


ATF7 polyclonal antibody

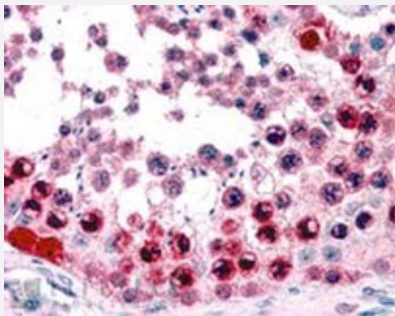
Catalog # PAB6078 Size 100 ug

Applications



Western Blot (Cell lysate)

ATF7 polyclonal antibody (Cat # PAB6078) staining (0.5 ug/mL) of HeLa lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

ATF7 polyclonal antibody (Cat # PAB6078, 3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

| | |
|----------------------|--|
| Product Description | Goat polyclonal antibody raised against synthetic peptide of ATF7. |
| Immunogen | A synthetic peptide corresponding to human ATF7. |
| Sequence | C-HVIMTPQSQSAGR |
| Host | Goat |
| Theoretical MW (kDa) | 53.0, 51.8, 49.6 |
| Reactivity | Human |
| Form | Liquid |

| | |
|-------------------------|---|
| Purification | Antigen affinity purification |
| Concentration | 0.5 mg/mL |
| Quality Control Testing | Antibody Reactive Against Synthetic Peptide. |
| Recommend Usage | ELISA (1:16000) Western blot (0.5-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-5 ug/mL) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| Storage Instruction | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot (Cell lysate)

ATF7 polyclonal antibody (Cat # PAB6078) staining (0.5 ug/mL) of HeLa lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

ATF7 polyclonal antibody (Cat # PAB6078, 3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ATF7

| | |
|--------------------|-----------------------------------|
| Entrez GeneID | 11016 |
| Protein Accession# | NP_006847 |
| Gene Name | ATF7 |
| Gene Alias | ATFA, MGC57182 |
| Gene Description | activating transcription factor 7 |
| Omim ID | 606371 |

Gene Ontology

[Hyperlink](#)

Other Designations

-

Publication Reference

- [ATF-7, a novel bZIP protein, interacts with the PRL-1 protein-tyrosine phosphatase.](#)

Peters CS, Liang X, Li S, Kannan S, Peng Y, Taub R, Diamond RH.

The Journal of Biological Chemistry 2001 Apr; 276(17):13718.

Application: GSA, Recombinant protein