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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB05244 - Goat Anti-ATF7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MGC57182, activating transcription factor 7, ATFA, ATF7

**Official Symbol:** ATF7

**Accession Number(s):** NP\_001123531.1; NP\_006847.1; NP\_001123532.1

**Human GeneID(s):** [11016](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_001123531.1, NP\_006847.1 and NP\_001123532.1).

### Immunogen

Peptide with sequence C-HVIMTPQSQSAGR, from the C Terminus of the protein sequence according to NP\_001123531.1; NP\_006847.1; NP\_001123532.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

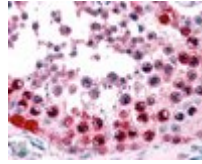
**Western blot:** Approx 35kDa band seen in HeLa cell lysates. Recommended for use at 0.5-2µg/ml. Please note the band size is in agreement with previous experimental data (J Biol Chem 2001 Apr 27;276(17):13718-26).

**IHC:** In paraffin embedded Human Testis shows staining of select spermatocytes in Human Testis. Recommended concentration, 3-5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Rat, Dog, Cow



EB05244 (3.8µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05244 staining (0.5µg/ml) of HeLa lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.