



## UK Office

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

## EB10957 - Goat Anti-AES Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AES, amino-terminal enhancer of split, AES-1, AES-2, ESP1, GRG, GRG5, TLE5, amino enhancer of split, gp130-associated protein GAM

**Official Symbol:** AES

**Accession Number(s):** NP\_945320.1; NP\_001121.2; NP\_945321.1

**Human GeneID(s):** [166](#)

**Non-Human GeneID(s):** 14797 (mouse), 29466 (rat)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_945320.1; NP\_001121.2; NP\_945321.1).

### Immunogen

Peptide with sequence SHLPQQLKFTTSD-C, from the N Terminus of the protein sequence according to NP\_945320.1; NP\_001121.2; NP\_945321.1.

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 1:64000.

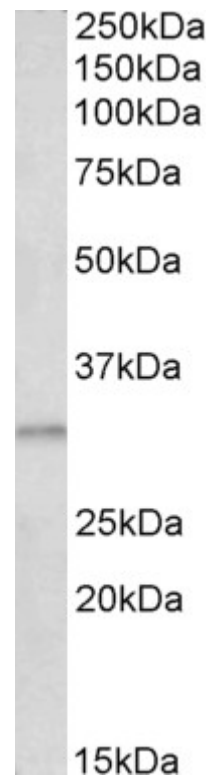
**Western blot:** Approx 30kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 29.1kDa according to NP\_945320.1). Recommended concentration: 0.3-1µg/ml.

**IHC:** Paraffin embedded Human Colon. Recommended concentration: 3.75µg/ml.

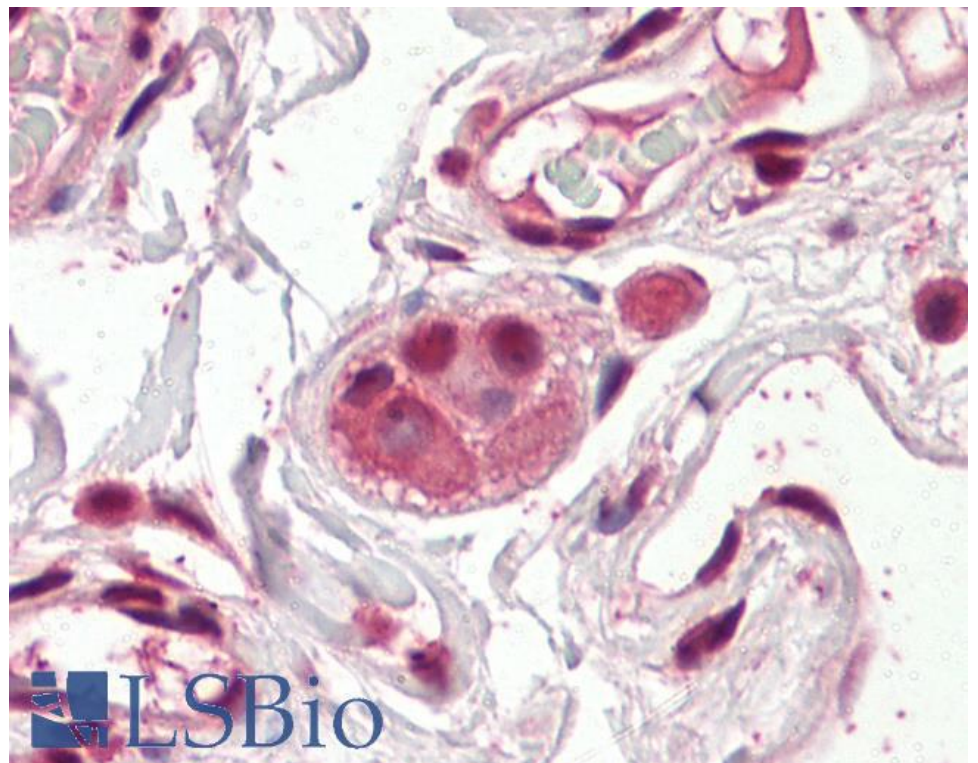
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB10957 (0.3 $\mu$ g/ml) staining of Human Cerebral Cortex lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10957 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.