

#### **International Office**

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# EB12109 - Goat Anti-BHLHE22 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** BHLHE22, basic helix-loop-helix family, member e22, BHLHB5, Beta3, CAGL85, TNRC20, basic helix-loop-helix domain containing, class B, 5, class B basic helix-loop-helix protein 5, class E basic helix-loop-helix protein 22, trinucleotide repeat containing 20, trinucleotide repeat-containing gene 20 protein

Official Symbol: BHLHE22

Accession Number(s): NP\_689627.1

Human GeneID(s): 27319

## **Immunogen**

Peptide with sequence C-HKSLSASTSKRLE, from the internal region (near N Terminus) of the protein sequence according to NP\_689627.1.

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 1:128000.

Western blot: Approx 37kDa band observed in Human (Cerebellum) Brain lysates (calculated MW of 37kDa according to NP\_689627.1). Recommended concentration:0.1-0.3μg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

EB12109 (0.1 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence