

KLF12 Polyclonal Antibody

Description

| Product type | Primary Antibody |
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| Code | BT-AP04837 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthesized peptide derived from the Internal region of human KLF12. |
| Mol wt | 44240 |
| Species reactivity | Human, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, ELISA |
| Concentration | 1 mg/ml |
| Full name | KLF12 Antibody |
| Synonyms | KLF12; AP2REP; HSPC122; Krueppel-like factor 12; Transcriptional repressor AP-2rep |
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This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. Krueppel-like factor 12 encoded by KLF12 is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 300 ELISA: 1: 20000 Not yet tested in other applications.



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100

Western Blot analysis of rat muscle cells using KLF12 Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com