

Rabbit anti-Mouse, Rat KLF12 Polyclonal Antibody | anti-KLF12 antibody

KLF12 Rabbit pAb

CATALOG # AAA282084	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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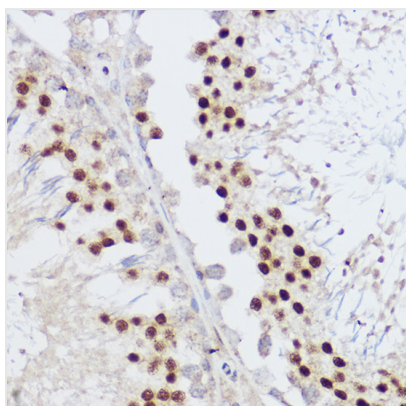
PRODUCT SYNONYMS

KLF12; Polyclonal Antibody; KLF12 Rabbit pAb; AP2REP; AP-2rep; HSPC122; anti-KLF12 antibody

PRODUCT SPECIFICATIONS

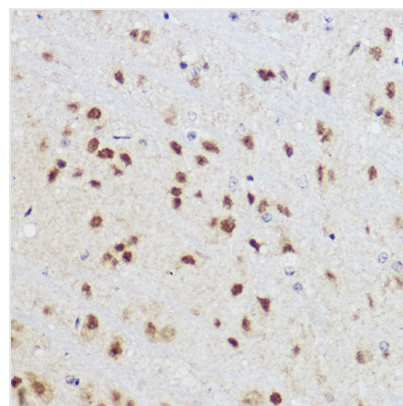
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-KLF12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human KLF12.
Positive Samples	Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



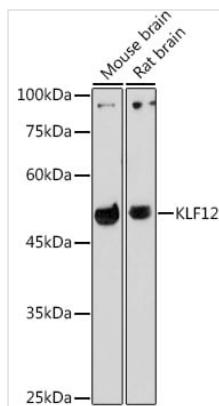
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using KLF12 antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using KLF12 antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KLF12 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-KLF12 antibody

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. The protein encoded by this gene 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.

Product Categories/Family for anti-KLF12 antibody

[Epigenetics & Nuclear Signaling](#); [Transcription Factors](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	91771555
NCBI GeneID	11278
UniProt Accession #	Q9Y4X4; Q5VZM7; Q9UHZ0; A8K5T2; L0R3J4
Molecular Weight	402
NCBI Official Full Name	Krueppel-like factor 12
NCBI Official Synonym Full Names	Kruppel-like factor 12
NCBI Official Symbol	KLF12
NCBI Official Synonym Symbols	AP2REP; AP-2rep; HSPC122
NCBI Protein Information	Krueppel-like factor 12; AP-2 repressor; AP-2rep transcription factor; transcriptional repressor AP-2rep; KLF12 zinc finger transcriptional repressor
UniProt Protein Name	Krueppel-like factor 12
UniProt Gene Name	KLF12
UniProt Synonym Gene Names	AP2REP
UniProt Entry Name	KLF12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/klf12-antibody-immunohistochemistry-western-blot-elisa/282084>