

ARMC5 polyclonal antibody

Catalog: BS32778

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Armadillo repeat-containing protein 5: Substrate-recognition component of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that terminates RNA polymerase II (Pol II) transcription in the promoter-proximal region of genes. The BCR(ARMC5) complex provides a quality checkpoint during transcription elongation by driving premature transcription termination of transcripts that are unfavorably configured for transcriptional elongation: the BCR(ARMC5) complex acts by mediating ubiquitination of Pol II subunit POLR2A phosphorylated at 'Ser-5' of the C-terminal domain (CTD), leading to POLR2A degradation. The BCR(ARMC5) complex acts in parallel of the integrator complex and is specific for RNA Pol II originating from the promoter-proximal zone: it does not ubiquitinate elongation-stalled RNA Pol II. The BCR(ARMC5) complex also acts as a regulator of fatty acid desaturation by mediating ubiquitination and degradation of SCAP-free...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~97.7 kDa

Swiss-Prot:

Q96C12

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200), FC (1/10 - 1/50)

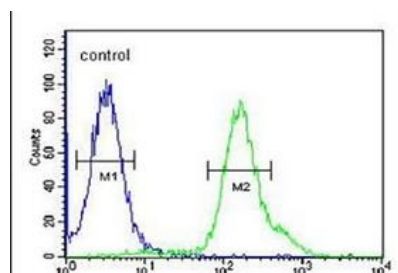
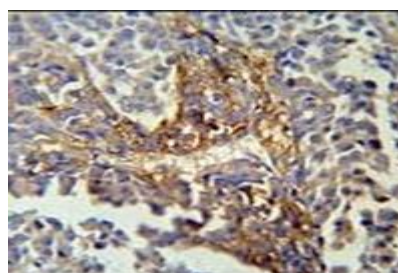
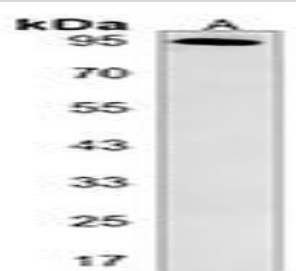
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of ARMC5 protein.

DATA:



Note:

For research use only, not for use in diagnostic procedure.

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