

Anti- β -actin Polyclonal Antibody

Cat: K006153P

Summary:

【Product name】 : Anti- β -actin antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : P60709	【Gene ID】 : 60
【Calculated】 : MW:42kDa	【Observed】 : MW:42kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB IHC IF	
【Recommended dilution】 : WB 1:500-2000. IHC 1:50-200. IF 1:50-200.	
【WB Positive sample】 : THP-1,293T,A431,Mouse lung,Mouse spleen,Mouse kidney,Mouse thymus	
【IHC Positive sample】 :	
【Subcellular location】 : Cytoplasm cytoskeleton	
【Immunogen】 : Recombinant protein of human β -actin	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	
【Related Literature】 :	

[1] Yunzhao Chen, Dandan Wang, Hao Peng, et al. Epigenetically upregulated oncoprotein PLCE1 drives esophageal carcinoma angiogenesis and proliferation via activating the PI-PLC ϵ -NF- κ B signaling pathway and VEGF-C/ Bcl-2 expression. *Molecular Cancer*. January 2019. (IF 10.679)

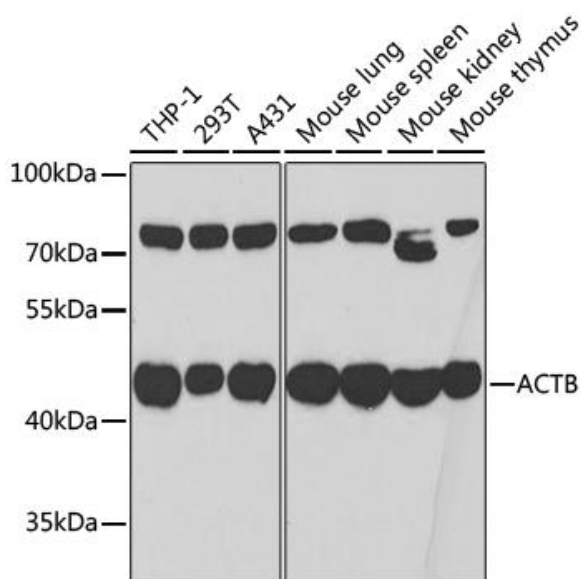
[2] Yi Liao, Tariq Hussain, Chunfa Liu, et al. Endoplasmic Reticulum Stress Induces Macrophages to Produce IL-1 β During Mycobacterium bovis Infection via a Positive Feedback Loop Between Mitochondrial Damage and Inflammasome Activation. *Frontiers in Immunology*. February 2019. (IF 4.716)

[3] Chao Sui, Dandan Jiang, Xiangju Wu, et al. CRISPR-Cas9 Mediated RNase L Knockout Regulates Cellular Function of PK-15 Cells and Increases PRV Replication. *BioMed Research International*. March 2019. (IF 2.197)

Background:

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

Verified picture



Western blot analysis with β -actin antibody
diluted at 1:1000