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TRIM68 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TRIM68.
Catalog # AT4362a

Product Information

Application	WB, E
Primary Accession	Q6AZZ1
Other Accession	NM_018073
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5G2
Calculated MW	56259

Additional Information

Gene ID	55128
Other Names	E3 ubiquitin-protein ligase TRIM68, 632-, RING finger protein 137, SSA protein SS-56, SS-56, Tripartite motif-containing protein 68, TRIM68, GC109, RNF137, SS56
Target/Specificity	TRIM68 (NP_060543, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TRIM68 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

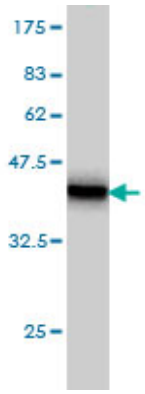
Background

The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. This gene is expressed in many cancer cell lines. Its expression in normal tissues, however, was found to be restricted to prostate. This gene was also found to be differentially expressed in androgen-dependent versus androgen-independent prostate cancer cells.

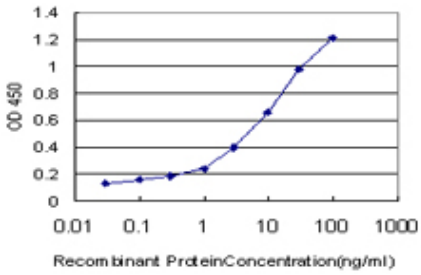
References

Genome-wide linkage scans for type 2 diabetes mellitus in four ethnically diverse populations-significant evidence for linkage on chromosome 4q in African Americans: the Family Investigation of Nephropathy and Diabetes Research Group. Malhotra A, et al. Diabetes Metab Res Rev, 2009 Nov. PMID 19795399.TRIM68 regulates ligand-dependent transcription of androgen receptor in prostate cancer cells. Miyajima N, et al. Cancer Res, 2008 May 1. PMID 18451177.The LIFEdb database in 2006. Mehrle A, et al. Nucleic Acids Res, 2006 Jan 1. PMID 16381901.From ORFeome to biology: a functional genomics pipeline. Wiemann S, et al. Genome Res, 2004 Oct. PMID 15489336.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged TRIM68 is approximately 0.3ng/ml as a capture antibody.