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RDH11 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RDH11.
Catalog # AT3609a

Product Information

Application	WB
Primary Accession	Q8TC12
Other Accession	BC000112
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 lambda
Clone Names	1H6
Calculated MW	35386

Additional Information

Gene ID	51109
Other Names	Retinol dehydrogenase 11, Androgen-regulated short-chain dehydrogenase/reductase 1, HCV core-binding protein HCBP12, Prostate short-chain dehydrogenase/reductase 1, Retinal reductase 1, RalR1, RDH11, ARSDR1, PSDR1
Target/Specificity	RDH11 (AAH00112, 24 a.a. ~ 318 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
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	RDH11 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

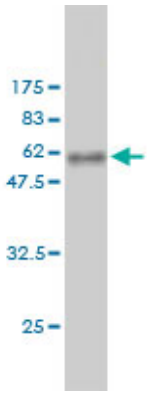
RHD11, a member of the short-chain dehydrogenase/reductase (SDR) superfamily of oxidoreductases, is expressed at high levels in prostate epithelium, and its expression is regulated by androgens.

References

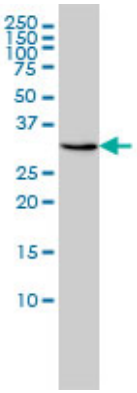
The SDR (short-chain dehydrogenase/reductase and related enzymes) nomenclature initiative. Persson B, et al. Chem Biol Interact, 2009 Mar 16. PMID 19027726.Mapping of transcription start sites of human retina

expressed genes. Roni V, et al. BMC Genomics, 2007 Feb 7. PMID 17286855.Photoreceptor retinol dehydrogenases. An attempt to characterize the function of Rdh11. Kasus-Jacobi A, et al. Adv Exp Med Biol, 2006. PMID 17249616.Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T, et al. DNA Res, 2005. PMID 16303743.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 (58.19 KDa) .



RDH11 monoclonal antibody (M01), clone 1H6 Western Blot analysis of RDH11 expression in Hela ((Cat # AT3609a)