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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RDH5 polyclonal antibody (A01)

Catalog # : H00005959-A01

規格 : [50 uL]

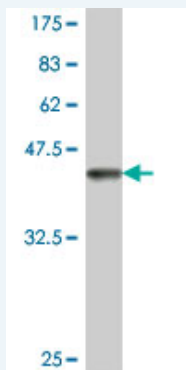
List All

Specification

Product Description:	Mouse polyclonal antibody raised against a partial recombinant RDH5.
Immunogen:	RDH5 (AAH28298, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag.
Sequence:	GLEAFSDSLRRDVAFHGIRVSIVEPGFFRTPVTNLESLEKTLQACWARLP PATQAHYGGAFLLTKYLKMQQRIMNLICDPLTKVSRCLEHALTARHPRT R
Host:	Mouse
Reactivity:	Human

Quality Control Antibody Reactive Against Recombinant Protein.

Testing:



Western Blot detection against Immunogen (37 KDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

- [A low carbohydrate, high protein diet suppresses intratumoral androgen synthesis and slows castration-resistant prostate tumor growth in mice.](#)
Fokidis HB, Yieng Chin M, Ho VW, Adomat HH, Soma KK, Fazli L, Nip KM, Cox M, Krystal G, Zoubeidi A, Tomlinson Guns ES. *J Steroid Biochem Mol Biol.* 2015 Jun;150:35-45.
- [Insulin increases de novo steroidogenesis in prostate cancer cells.](#)
Lubik AA, Gunter JH, Hendy SC, Locke JA, Adomat HH, Thompson V, Herington A, Gleave ME, Pollak M, Nelson CC. *Cancer Res.* 2011 Jul 14. [Epub ahead of print]
- [Androgen Levels Increase by Intratumoral De novo Steroidogenesis during Progression of Castration-Resistant Prostate Cancer.](#)
Locke JA, Guns ES, Lubik AA, Adomat HH, Hendy SC, Wood CA, Ettinger SL, Gleave ME, Nelson CC. *Cancer Res.* 2008 Aug 1;68(15):6407-15.

Applications

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5959](#)

GeneBank Accession#: [BC028298](#)

Protein Accession#: [AAH28298](#)

Gene Name: RDH5

Gene Alias: FLJ39337,FLJ97089,HSD17B9,RDH1,SDR9C5

Gene Description: retinol dehydrogenase 5 (11-cis/9-cis)

Omim ID: [136880](#), [601617](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an enzyme belonging to the short-chain dehydrogenases/reductases (SDR) family. This retinol dehydrogenase functions to catalyze the final step in the biosynthesis of 11-cis retinaldehyde, which is the universal chromophore of visual pigments. Mutations in this gene cause autosomal recessive fundus albipunctatus, a rare form of night blindness that is characterized by a delay in the regeneration of cone and rod photopigments. [provided by RefSeq]

Other Designations: 11-cis RDH,9-cis-retinol specific dehydrogenase,retinol dehydrogenase 1,retinol dehydrogenase 5 (11-cis and 9-cis),short chain dehydrogenase/reductase family 9C, member 5

Gene Pathway

[Retinol metabolism](#)

Related Disease

[Diabetes Mellitus](#), [Type 2 Hepatitis](#), [Toxic Retinal Diseases](#)