

DHRS3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9188c**Specification**

DHRS3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	075911
Other Accession	077769
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33548
Antigen Region	85-113

DHRS3 Antibody (Center) - Additional Information**Gene ID** 9249**Other Names**

Short-chain dehydrogenase/reductase 3, DD831, Retinal short-chain dehydrogenase/reductase 1, retSDR1, DHRS3

Target/Specificity

This DHRS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-113 amino acids from the Central region of human DHRS3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DHRS3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

DHRS3 Antibody (Center) - Protein Information**Name** DHRS3

Synonyms RDH17, SDR16C1

Function Catalyzes the reduction of all-trans-retinal to all-trans- retinol in the presence of NADPH.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

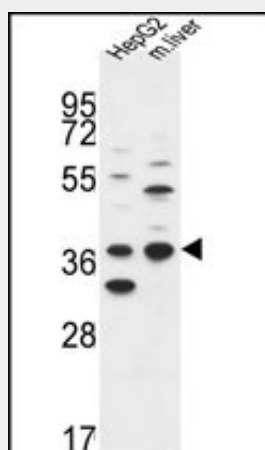
Widely expressed with highest levels found in heart, placenta, lung, liver, kidney, pancreas, thyroid, testis, stomach, trachea and spinal cord. Lower levels found in skeletal muscle, intestine and lymph node. No expression detected in brain. In the retina, expressed in cone but not rod outer segments

DHRS3 Antibody (Center) - Protocols

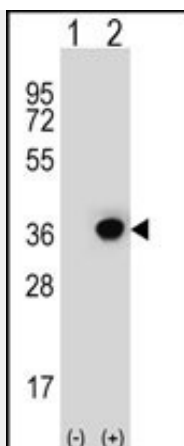
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

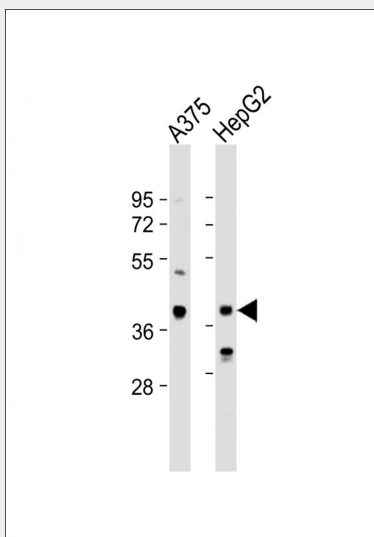
DHRS3 Antibody (Center) - Images



DHRS3 Antibody (Center) (Cat. #AP9188c) western blot analysis in HepG2 cell line and mouse liver tissue lysates (35ug/lane). This demonstrates the DHRS3 antibody detected the DHRS3 protein (arrow).



Western blot analysis of DHR33 (arrow) using rabbit polyclonal DHR33 Antibody (Center) (Cat. #AP9188c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DHR33 gene.



All lanes : Anti-DHR33 Antibody (Center) at 1:1000 dilution Lane 1: A375 whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DHR33 Antibody (Center) - Background

DHR33 catalyze the oxidation/reduction of a wide range of substrates, including retinoids and steroids.

DHR33 Antibody (Center) - References

Persson,B., et.al., Chem. Biol. Interact. 178 (1-3), 94-98 (2009)
Roni,V., et.al., BMC Genomics 8, 42 (2007)