

Rabbit Anti-DHCR7 antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50932

Specification

Rabbit Anti-DHCR7 antibody - Product Information

Application	WB
Primary Accession	Q9UBM7
Reactivity	Human, Mouse, Rat, Chicken, Bovine, Horse, Dog
Host	Rabbit
Clonality	polyclonal
Calculated MW	H=54; KDa

Rabbit Anti-DHCR7 antibody - Additional Information

Gene ID 1717

Other Names

7-dehydrocholesterol reductase, 7-DHC reductase, Putative sterol reductase SR-2, Sterol Delta(7)-reductase, DHCR7, D7SR

Dilution

WB~~1:1000

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Rabbit Anti-DHCR7 antibody - Protein Information

Name DHCR7

Synonyms D7SR

Function

7-dehydrocholesterol reductase of the cholesterol biosynthetic pathway reducing the C7-C8 double bond of cholesta-5,7- dien-3beta-ol (7-dehydrocholesterol/7-DHC) and cholesta-5,7,24-trien-3beta-ol, two intermediates in that pathway.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

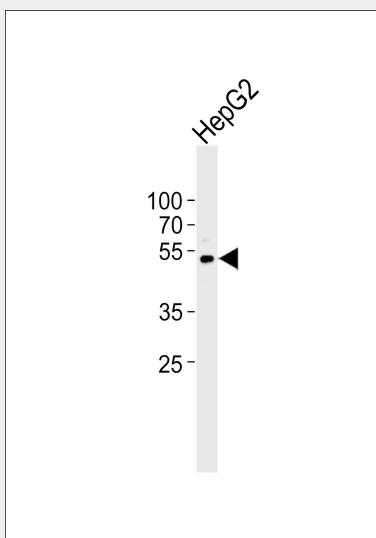
Widely expressed. Most abundant in adrenal gland, liver, testis, and brain.

Rabbit Anti-DHCR7 antibody - 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](#)

Rabbit Anti-DHCR7 antibody - Images



Western blot analysis of lysate from HepG2 cell line, using Rabbit Anti-DHCR7 antibody AP50932. AP50932 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Rabbit Anti-DHCR7 antibody - Background

Production of cholesterol by reduction of C7-C8 double bond of 7-dehydrocholesterol (7-DHC).

Rabbit Anti-DHCR7 antibody - References

Waterham H.R., et al. Am. J. Hum. Genet. 63:329-338(1998).
Moebius F.F., et al. Proc. Natl. Acad. Sci. U.S.A. 95:1899-1902(1998).
Holmer L., et al. Genomics 54:469-476(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Wassif C.A., et al. Am. J. Hum. Genet. 63:55-62(1998).