

Dhrs7 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12758**Specification**

Dhrs7 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9CXR1
Other Accession	NM_025522 , NP_079798
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Pig, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 32kDa KDa

Dhrs7 antibody - N-terminal region - Additional Information**Gene ID** 66375**Alias Symbol** 2310016E22Rik, 5730564L20Rik, AW061210, Retdsr4, Retsdr4**Other Names**

Dehydrogenase/reductase SDR family member 7, 1.1.-.-, Retinal short-chain dehydrogenase/reductase 4, retSDR4, Dhrs7, Retsdr4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Dhrs7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Dhrs7 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Dhrs7 antibody - N-terminal region - Protein Information**Name** Dhrs7 {ECO:0000312|MGI:MGI:1913625}**Synonyms** Retsdr4**Function**

NADPH-dependent oxidoreductase which catalyzes the reduction of a variety of compounds bearing carbonyl groups including steroids, retinoids and xenobiotics. Catalyzes the reduction/inactivation of 5alpha-dihydrotestosterone to 3alpha-androstanediol, with a possible role in the modulation of androgen receptor function. Involved in the reduction of all-trans-retinal to

all-trans-retinol. Converts cortisone to 20beta-dihydrocortisone in vitro, although the physiological relevance of this activity is questionable. Reduces exogenous compounds such as quinones (1,2-naphtoquinone, 9,10-phenanthrenequinone and benzoquinone) and other xenobiotics (alpha-diketones) in vitro, suggesting a role in the biotransformation of xenobiotics with carbonyl group. A dehydrogenase activity has not been detected so far. May play a role as tumor suppressor.

Cellular Location

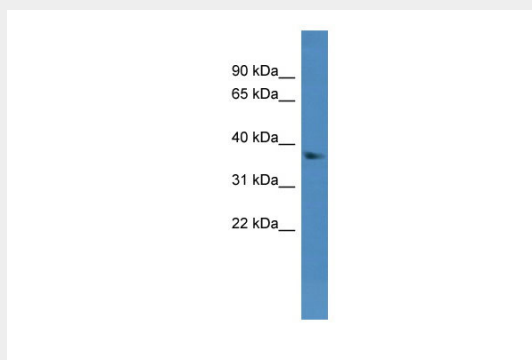
Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9Y394}. Note=Bound to the endoplasmic reticulum membrane, possibly through a N-terminus anchor. The main bulk of the polypeptide chain was first reported to be facing toward the lumen of the endoplasmic reticulum. However, it was later shown to be facing the cytosol. {ECO:0000250|UniProtKB:Q9Y394}

Dhrs7 antibody - N-terminal region - 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](#)

Dhrs7 antibody - N-terminal region - Images



WB Suggested Anti-Dhrs7 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: Mouse Liver