

Rabbit DHRS9 Polyclonal Antibody | anti-DHRS9 antibody

DHRS9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327950	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DHRS9; Polyclonal Antibody; DHRS9 Antibody; 3 alpha hydroxysteroid dehydrogenase; 3-alpha-HSD; 3-alpha-hydroxysteroid dehydrogenase; 3-alpha hydroxysteroid dehydrogenase; 3alpha HSD; Dehydrogenase/reductase SDR family member 9; DHRS9_HUMAN; NADP dependent retinol dehydrogenase/reductase; NADP-dependent retinol dehydrogenase/reductase; RDH-E2; Rdh15; RDHE2; RDHL; RDHTBE; retinol dehydrogenase homolog; Retinol dehydrogenase; tracheobronchiol epithelail cell-specific; RETSDR8; SDR family; member 9; SDR9C4; short chain dehydrogenase/reductase family 9; short chain dehydrogenase/reductase family 9C; member 4; Short chain dehydrogenase/reductase retSDR8; Short-chain dehydrogenase/reductase retSDR8; anti-DHRS9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DHRS9 antibody detects endogenous levels of total DHRS9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	319
Applicable Applications for anti-DHRS9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DHRS9
Subcellular Location	Microsome Membrane. Endoplasmic Reticulum Membrane. Associated with microsomal membranes.
Tissue Specificity	Highly expressed in trachea and epidermis. Detected at lower levels in spinal cord, bone marrow, brain, tongue, esophagus, heart, colon, testis, placenta, lung, skeletal muscle and lymph node.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (92%), Dog (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327950 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of DHRS9 using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-DHRS9 antibody	Function: 3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone. May play a role in the biosynthesis of retinoic acid from retinaldehyde, but seems to have low activity with retinoids. Can utilize both NADH and NADPH. Subunit Structure: Homotetramer. Similarity: Belongs to the short-chain dehydrogenases/reductases (SDR) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	214010156
NCBI GeneID	10170
NCBI Accession #	NP_001135742.1
NCBI GenBank Nucleotide #	NM_001142270.1
UniProt Accession #	Q9BPW9; Q5RKX1; Q9NRA9; Q9NRB0; B7Z416; D3DPC1
Molecular Weight	Observed: 35 kDa Predicted: 36 kDa
NCBI Official Full Name	dehydrogenase/reductase SDR family member 9 isoform 1
NCBI Official Synonym Full Names	dehydrogenase/reductase 9
NCBI Official Symbol	DHRS9
NCBI Official Synonym Symbols	RDHL; RDH15; RDH-E2; RDHTBE; SDR9C4; RDH-TBE; RETSDR8; 3ALPHA-HSD; 3-alpha-HSD
NCBI Protein Information	dehydrogenase/reductase SDR family member 9
UniProt Protein Name	Dehydrogenase/reductase SDR family member 9
UniProt Gene Name	DHRS9
UniProt Synonym Gene Names	RDH15; SDR9C4; 3-alpha-HSD; RDH-TBE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dhrs9-antibody-immunohistochemistry-western-blot-elisa/327950>