

DHRS9 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08488
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Dehydrogenase/reductase SDR family member 9
Synonyms	Dehydrogenase/reductase SDR family member 9 ;EC 1.1.-.-;3-alpha hydroxysteroid dehydrogenase;3-alpha-HSD;NADP-dependent retinol dehydrogenase/reductase;RDH-E2;RDHL;Short-chain dehydrogenas

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. This protein demonstrates oxidoreductase activity toward hydroxysteroids and is able to convert 3-alpha-tetrahydroprogesterone to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone in the cytoplasm, and may additionally function as a transcriptional repressor in the nucleus. Alternative splicing results in multiple transcript variants.

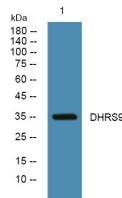
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year