

DHRS2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02603
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DHRS2. AA range:111-160
Mol wt	27439
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	DHRS2 Antibody
Synonyms	DHRS2; Dehydrogenase/reductase SDR family member 2; Dicarbonyl reductase HEP27; Protein D

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

Background

DHRS2 (dehydrogenase/reductase (SDR family) member 2), also known as SDR25C1 or HEP27, is a 258 amino acid protein that localizes to the nucleus and belongs to the short-chain dehydrogenase/reductase (SDR) family. Functioning as an NADPH-dependent dicarbonyl reductase, DHRS2 is thought to inhibit cell replication by either converting cortisone in cortisol, or by catalyzing the oxidation of androgen and estrogen. The gene encoding DHRS2 maps to human chromosome 14, which houses over 700 genes and comprises nearly 3.5% of the human genome. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease (AD). The SERPINA1 gene is also located on chromosome 14 and, when defective, leads to the genetic disorder α 1-antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.

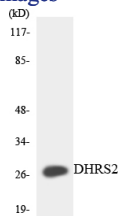
Recommended Dilution

WB: 1: 500 - 1: 2000

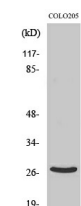
ELISA: 1: 40000

Not yet tested in other applications.

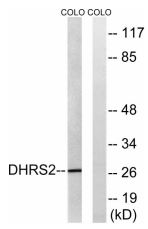
Images



Western blot analysis of the lysates from HeLa cells using DHRS2 antibody.



Western Blot analysis of various cells using DHRS2 Polyclonal Antibody



Western blot analysis of lysates from COLO cells, using DHRS2 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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