

DHRS2 Antibody

Catalog No: #34643

Package Size: #34643-1 50ul #34643-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

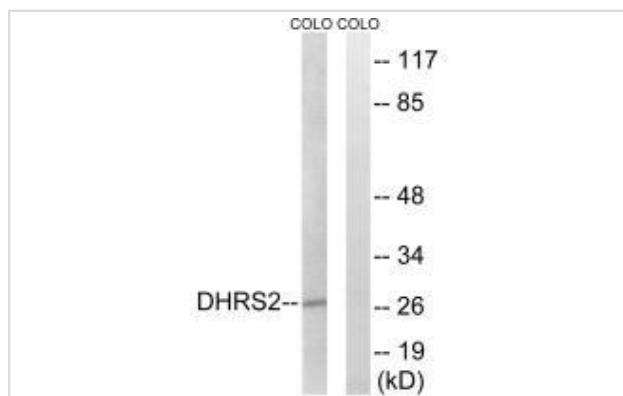
Description

Product Name	DHRS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DHRS2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human DHRS2.
Target Name	DHRS2
Other Names	dehydrogenase/reductase (SDR family) member 2; dehydrogenase/reductase SDR family member 2; HEP27; protein D; SDR25C1
Accession No.	Swiss-Prot: Q13268NCBI Gene ID: 10202
Uniprot	Q13268
GeneID	10202;
SDS-PAGE MW	27kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from COLO cells, using DHRS2 antibody #34643.

Background

Displays NADPH-dependent dicarbonyl reductase activity in vitro with 3,4-Hexanedione, 2,3-Heptanedione and 1-Phenyl-1,2-propanedione as substrates. No reductase activity is displayed in vitro with steroids, retinoids and sugars as substrates. Attenuates MDM2-mediated p53/TP53 degradation, leading to p53/TP53 stabilization and increased transcription activity, resulting in the accumulation of MDM2 and CDKN1A/p21.

Gabrielli F., Eur. J. Biochem. 232:473-477(1995).

Pellegrini S., Biochim. Biophys. Acta 1574:215-222(2002).

Suzuki Y., Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only