

DHRS4 Antibody

Catalog No: #34644

Package Size: #34644-1 50ul #34644-2 100ul

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

Description

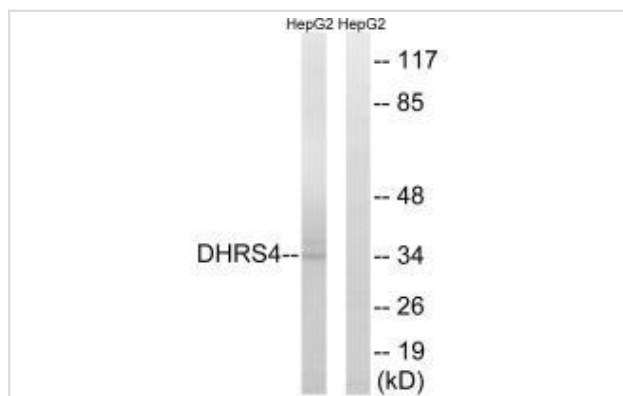
Product Name	DHRS4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DHRS4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human DHRS4.
Target Name	DHRS4
Other Names	AI043103; AI790593; D14Ucla2; dehydrogenase/reductase (SDR family) member 4; EC 1.1.1.184
Accession No.	Swiss-Prot: Q9BTZ2NCBI Gene ID: 10901
Uniprot	Q9BTZ2
GeneID	10901;
SDS-PAGE MW	32-34kd
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

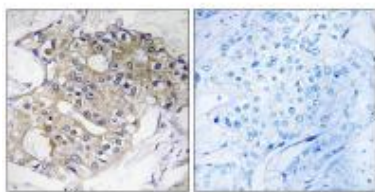
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HepG2 cells, using DHRS4 antibody #34644.

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using DHRS4 antibody #34644.



Background

Reduces all-trans-retinal and 9-cis retinal. Can also catalyze the oxidation of all-trans-retinol with NADP as co-factor, but with much lower efficiency. Reduces alkyl phenyl ketones and alpha-dicarbonyl compounds with aromatic rings, such as pyrimidine-4-aldehyde, 3-benzoylpyridine, 4-benzoylpyridine, menadione and 4-hexanoylpyridine. Has no activity towards aliphatic aldehydes and ketones By similarity.

Fransen M., Biochem. J. 340:561-568(1999).

Furukawa A., Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.

Du J., Yi Chuan Xue Bao 31:661-667(2004).

Note: This product is for in vitro research use only