

DHRS13 Rabbit pAb

Catalog # AP96256

Product Information

Application	WB
Primary Accession	Q6UX07
Other Accession	Q6UX07
Reactivity	Rat
Predicted	Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40849
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DHRS13
Epitope Specificity	101-200/377
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted (Potential).
SIMILARITY	Belongs to the short-chain dehydrogenases/reductases (SDR) family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DHRS13 (dehydrogenase/reductase SDR family member 13), also known as UNQ419/PRO853, is a 377 amino acid secreted protein belonging to the short-chain dehydrogenases/reductases (SDR) family. DHRS13 is presumed to function as an oxidoreductase and is phosphorylated, potentially by ATM or ATR, upon DNA damage. DHRS13 exists as two isoforms produced by alternative splicing events. The gene encoding DHRS13 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Neurofibromatosis, dysregulated Schwann cell growth, Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are associated with chromosome 17.

Additional Information

Gene ID	147015
Other Names	SDR7C5; DHR13_HUMAN; DHRS13; Short chain dehydrogenase/reductase family 7C member 5 (Protein SDR7C5); 1.1.-.-; dehydrogenase/reductase 13; dehydrogenase/reductase (SDR family) member 13; short chain dehydrogenase/reductase family 7C, member 5
Dilution	WB=1:500-2000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Protein Information

Name	DHRS13 (HGNC:28326)
Function	Putative oxidoreductase.
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.