

For Research Use Only

DHRS7 Polyclonal antibody

Catalog Number:15061-1-AP



Basic Information

Catalog Number:

15061-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7064

GenBank Accession Number:

BC000637

GeneID (NCBI):

51635

UNIPROT ID:

Q9Y394

Full Name:

dehydrogenase/reductase (SDR family) member 7

Calculated MW:

38 kDa

Observed MW:

32-38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : LNCaP cells,

IHC : mouse skeletal muscle tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

DHRS7 (Dehydrogenase/Reductase (SDR family) member 7), also known as SDR34C1, retSDR4, is a member of a large family of short-chain dehydrogenases/reductases (SDR). The DHRS7 gene codes for two subtypes and is found on chromosome 14. Isotype 1 (38 kDa) has 339 amino acids, while isotype 2 (32 kDa) contains 289 amino acids (PMID: 26466768). DHRS7 has been demonstrated to be an integral protein facing the lumen of the endoplasmic reticulum with lack of posttranscriptional glycosylation modification (PMID: 24246760).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

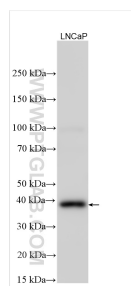
T: 4006900926

E: Proteintech-CN@ptglab.com

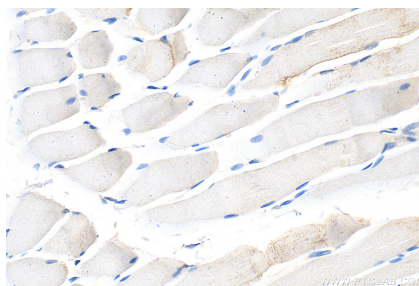
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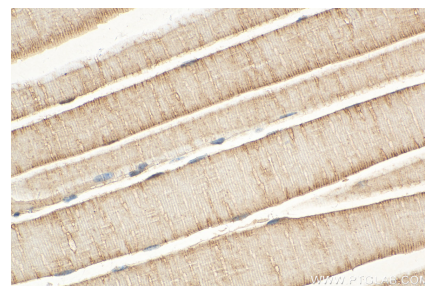
Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 15061-1-AP (DHR57 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 15061-1-AP (DHR57 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 15061-1-AP (DHR57 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).