

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-DHRS3



Numéro de catalogue: 15393-1-AP

Phare

15 Publications

## Informations de base

Numéro de catalogue:  
15393-1-AP

Taille:  
150ul, Concentration: 600 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG7589

Numéro d'acquisition GenBank:  
BC002730

Identification du gène (NCBI):  
9249

Nom complet:  
dehydrogenase/reductase (SDR family) member 3

MW calculé

34 kDa

MW observés:

34 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB  
IF 1:200-1:800

## Applications

Applications testées:  
IF, IP, WB, ELISA

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris, insecte

Contrôles positifs:

WB : cellules A375,

IP : cellules A375,

IF : cellules HepG2,

## Informations générales

DHRS3 (Short-chain dehydrogenase/reductase 3) is also named as retSDR1, DD83.1 and belongs to the short-chain dehydrogenases/reductases (SDR) family. It catalyzes the reduction of all-trans-retinal to all-trans-retinol in the presence of NADPH. It is detected high levels of expression in fetal kidney, liver, and lung and in adult heart, placenta, lung, liver, kidney, pancreas, thyroid, testis, stomach, trachea, spinal cord and lower levels in skeletal muscle, intestine, and lymph node. retSDR1 is barely detectable in adrenals, brain, thymus, and hematopoietic tissues (PMID:11861404). retSDR1 may play a more general role in retinol metabolism since its expression was observed in many fetal and adult tissues (PMID:20543567).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lin Shen	36150660	Biochim Biophys Acta Mol Basis Dis	WB
Mark K. Adams	34542554	Biochem J	WB
Mark K Adams	27793605	Chem Biol Interact	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

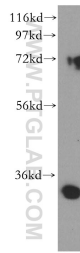
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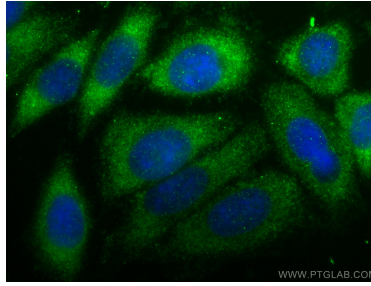
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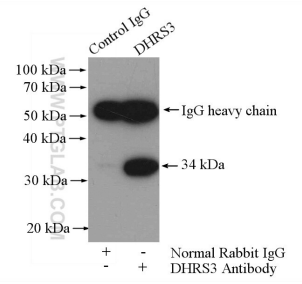
## Données de validation sélectionnées



A375 cells were subjected to SDS PAGE followed by western blot with 15393-1-AP (DHRS3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DHRS3 antibody (15393-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-DHRS3 (IP:15393-1-AP, 4ug; Detection:15393-1-AP 1:500) with A375 cells lysate 3600ug.