

## Allgemeine Informationen

**Katalog-Nr.:**  
15393-1-AP

**Größe:**  
150ul , Konzentration: 600 µg/ml von Nanodrop und 253 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**Immunogen Katalognummer:**  
AG7589

**GenBank-Zugangsnummer:**  
BC002730

**GeneID (NCBI):**  
9249

**Vollständiger Name:**  
dehydrogenase/reductase (SDR family) member 3

**Berechnete Masse:**  
34 kDa

**Beobachtete Masse:**  
34 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:1000  
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB  
IF 1:200-1:800

## Anwendungen

**Geprüfte Anwendungen:**

IF, IP, WB, ELISA

**In Publikationen genannte Anwendungen:**

IF, IHC, WB

**Getestete Reaktivität:**

Human, Maus, Ratte

**Zitierte Arten:**

Human, Maus, Insekt

**Positivkontrollen:**

WB : A375-Zellen,

IP : A375-Zellen,

IF : HepG2-Zellen,

## Hintergrundinformationen

DHR53(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).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
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

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

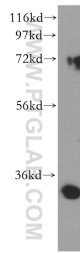
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

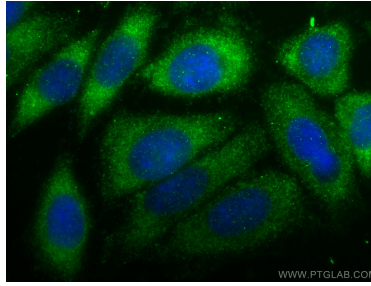
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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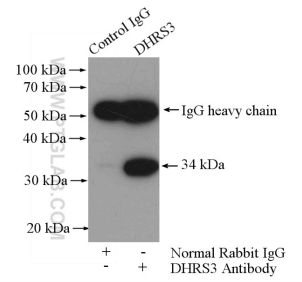
## Ausgewählte Validierungsdaten



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.