

Allgemeine Informationen

Katalog-Nr.: 14560-1-AP	GenBank-Zugangsnummer: BC058883	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 350 µg/ml von Nanodrop und 280 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 10170	Empfohlene Verdünnungen: WB 1:1000-1:5000 IHC 1:100-1:400 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: dehydrogenase/reductase (SDR family) member 9	
Isotyp: IgG	Berechnete Masse: 35 kDa	
Immunogen Katalognummer: AG6116	Beobachtete Masse: 45-50 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : Jurkat-Zellen, HeLa-Zellen, HT-29-Zellen, Maus-Tracheagewebe, THP-1-Zellen IHC : humanes Lungenkarzinomgewebe, IF : A549-Zellen,
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Dehydrogenase/reductase 9(DHR59), is a member of the short-chain dehydrogenases/reductases (SDR) family. DHR59 has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. DHR59 has 4 isoforms with molecular weight of 19, 30, 35, 42 kDa, and demonstrates oxidoreductase activity toward hydroxysteroids. DHR59 is able to convert 3-alpha-tetrahydroprogesterone to dihydroxyprogesterone and 3-alpha-androstenediol to dihydroxyprogesterone in the cytoplasm, and may additionally function as a transcriptional repressor in the nucleus.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jinling Xu	36061826	EPMA J	IF,WB
Shuang Bai	34277700	Front Mol Biosci	WB

Lagerung

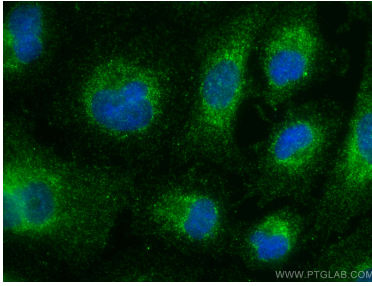
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

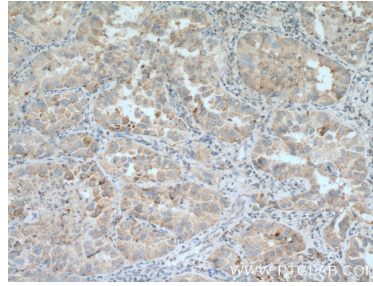
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

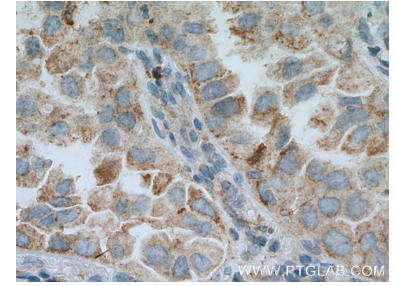
Ausgewählte Validierungsdaten



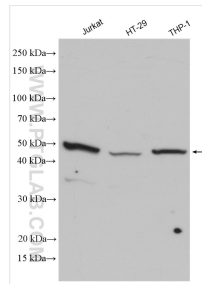
Immunofluorescent analysis of (4% PFA) fixed A549 cells using DHR59 antibody (14560-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14560-1-AP (DHR59 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14560-1-AP (DHR59 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 14560-1-AP (DHR59 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.