

MGC33407/ACTL9 Polyklonaler Antikörper

Katalog-Nr.: 29885-1-AP

Allgemeine Informationen

Katalog-Nr.: 29885-1-AP	GenBank-Zugangsnummer: BC024028	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 450 µg/ml von Nanodrop;	GeneID (NCBI): 284382	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: hypothetical protein MGC33407	
Isotyp: IgG	Beobachtete Masse: 45 kDa	
Immunogen Katalognummer: AG31805		

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB : Maus-Skelettmuskelgewebe, rat skeletal muscle
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Lebergewebe, Maushodengewebe
	IF : Maushodengewebe,

Hintergrundinformationen

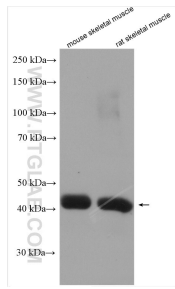
ACTL9 (Actin Like 9), also named MGC33407, encodes a testis-specific actin-like protein that plays a role in fusion of proacrosomal vesicles and perinuclear theca formation (PMID: 33626338). ACTL9 protein contains 416 amino acids, which mainly localizes in the equatorial segment of human sperm head (PubMed: 33626338). Diseases associated with ACTL9 include spermatogenic failure and non-syndromic male infertility.

Lagerung

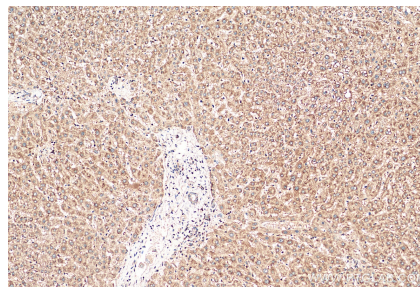
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

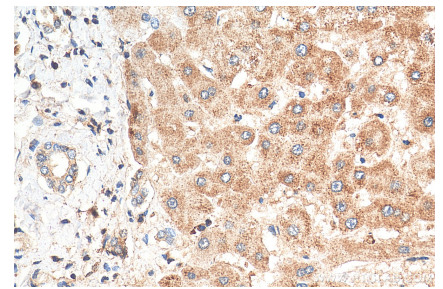
Ausgewählte Validierungsdaten



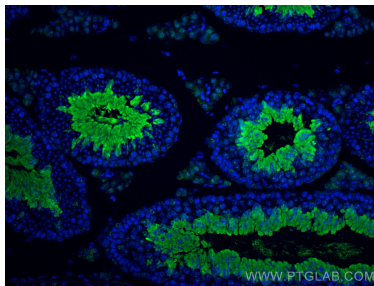
Various lysates were subjected to SDS PAGE followed by western blot with 29885-1-AP (MGC33407/ACTL9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



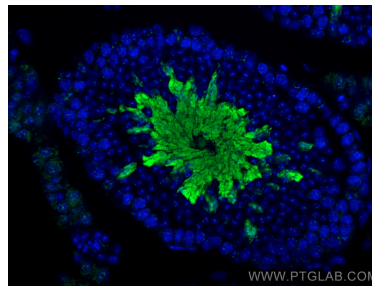
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 29885-1-AP (MGC33407/ACTL9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



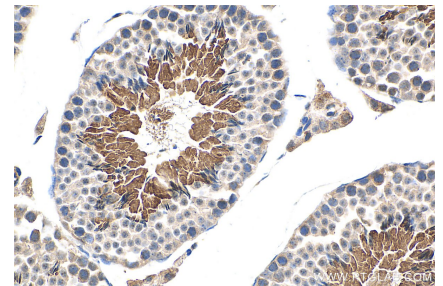
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 29885-1-AP (MGC33407/ACTL9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



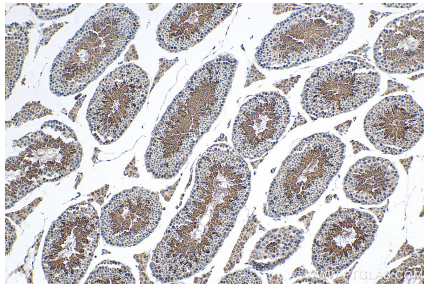
Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using MGC33407/ACTL9 antibody (29885-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using MGC33407/ACTL9 antibody (29885-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29885-1-AP (MGC33407/ACTL9 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 testis tissue slide using 29885-1-AP (MGC33407/ACTL9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).