

Nur für Forschungszwecke

# DYNC2H1 Polyklonaler Antikörper

Katalog-Nr.:29758-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 29758-1-AP	<b>GenBank-Zugangsnummer:</b> NM_001377	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 550 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 79659	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:3000 IF 1:200-1:800
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> dynein, cytoplasmic 2, heavy chain 1	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 493 kDa	
<b>Immunogen Katalognummer:</b> AG30707	<b>Beobachtete Masse:</b> 493 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b> WB : Maushodengewebe, IF : hTERT-RPE1-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus	

## Hintergrundinformationen

DYNC2H1 (Cytoplasmic dynein 2 heavy chain 1) is involved in ciliary intraflagellar transport (IFT). DYNC2H1 drives retrograde transport of the IFT-A protein complex that regulates tip-to-base transport in cilia, involved in the generation and maintenance of cilia. DYNC2H1 variants or retina-predominant variants cause nonsyndromic retinal degeneration (PMID:32753734). DYNC2H1 mutations also cause asphyxiating thoracic dystrophy and short rib-polydactyly syndrome (PMID: 19442771). DYNC2H1 was localized to the basal bodies by immunofluorescence staining (PMID: 21552265, PMID: 26077881, PMID: 30320547).

## 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**

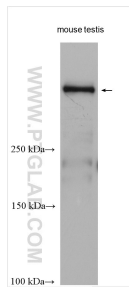
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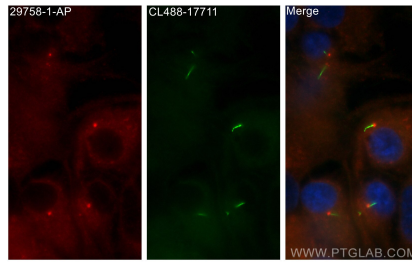
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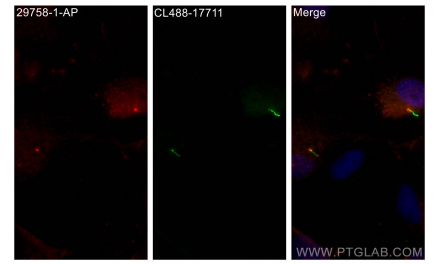
## Ausgewählte Validierungsdaten



mouse testis tissue were subjected to SDS PAGE followed by western blot with 29758-1-AP (DYNC2H1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using DYNC2H1 antibody (29758-1-AP) at dilution of 1:400 and CoraLite® 594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite® Plus 488 ARL13B antibody (CL488-17711, green).



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using DYNC2H1 antibody (29758-1-AP) at dilution of 1:400 and CoraLite® 594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite® Plus 488 ARL13B antibody (CL488-17711, green).