

Allgemeine Informationen

Katalog-Nr.: 22623-1-AP	GenBank-Zugangsnummer: BC007924	Reinigungsmethode: Antigen-affinitätsgereinigt
Größe: 150ul, Konzentration: 350 µg/ml von Nanodrop und 193 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2288	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: FK506 binding protein 4, 59kDa	
Isotyp: IgG	Berechnete Masse: 59 kDa	
Immunogen Katalognummer: AG18704	Beobachtete Masse: 52 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : PC-3-Zellen, IHC : humanes Kolongewebe, humanes Nierengewebe IF : PC-3-Zellen,
Getestete Reaktivität: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

The large molecular-weight immunophilin, FKBP52, is a known target of the immunosuppressive drug FK506. FKBP52 exhibits peptidyl-prolyl cis-trans isomerase (PPIase) activity, which is inhibited by the binding of FK506-properties that it shares with the smaller but better-studied immunophilin, FKBP12(PMID:15381148). It is essential to AR-mediated induction of genes involved in sexually dimorphic development of the penis (NIX3-1), in erectile function of the mature organ (NOS2 and NOS3), and in promotion of apoptosis during development(PMID:20605780).

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

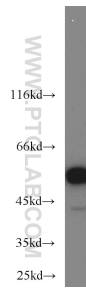
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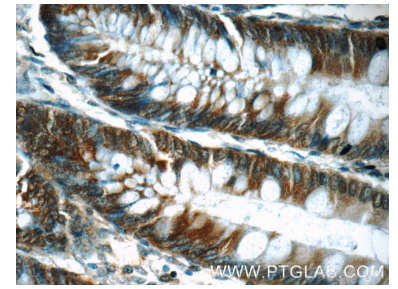
Ausgewählte Validierungsdaten



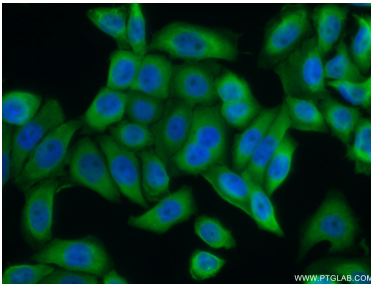
PC-3 cells were subjected to SDS PAGE followed by western blot with 22623-1-AP (FKBP52 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 22623-1-AP (FKBP52 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 22623-1-AP (FKBP52 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed PC-3 cells using 22623-1-AP (FKBP52 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).