

Nur für Forschungszwecke

FANCD2 Polyklonaler Antikörper

Katalog-Nr.: 24006-1-AP

2 Publikationen



Allgemeine Informationen

Katalog-Nr.:

24006-1-AP

Größe:

150ul, Konzentration: 440 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_033084

GeneID (NCBI):

2177

Vollständiger Name:

Fanconi anemia, complementation group D2

Berechnete Masse:

166 kDa

Beobachtete Masse:

150-155 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:200-1:1000
IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB
IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human

Positivkontrollen:

WB: HL-60-Zellen,

IP: Maushodengewebe,

IHC: humanes Hodengewebe,

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

FANCD2, also named as FACD and FACD2, is required for maintenance of chromosomal stability. FANCD2 promotes accurate and efficient pairing of homologs during meiosis. FANCD2 is involved in the repair of DNA double-strand breaks, both by homologous recombination and single-strand annealing. It may participate in S phase and G2 phase checkpoint activation upon DNA damage. It promotes BRCA2/FANCD1 loading onto damaged chromatin. FANCD2 may also be involved in B-cell immunoglobulin isotype switching. Defects in FANCD2 are a cause of Fanconi anemia (FA) which is a genetically heterogeneous, autosomal recessive disorder characterized by progressive pancytopenia, a diverse assortment of congenital malformations, and a predisposition to the development of malignancies. The antibody recognize both un-phospho and phospho-Ser(330) of FANCD2.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-------------|-----------|---------------|-----------|
| Yusuke Oku | 29928579 | FEBS Open Bio | WB |
| Huikai Miao | 35236309 | BMC Cancer | IHC |

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

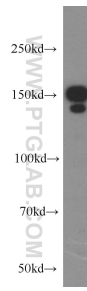
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

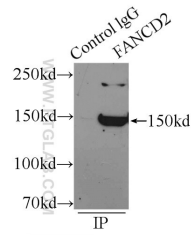
E: proteintech@ptglab.com
W: ptglab.com

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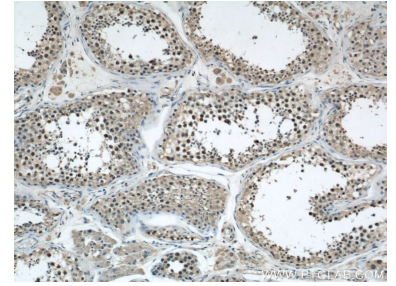
Ausgewählte Validierungsdaten



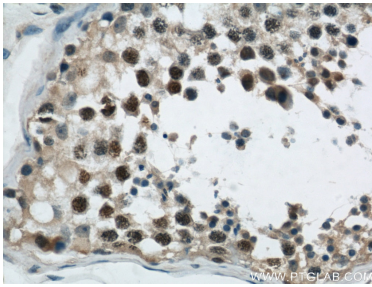
HL-60 cells were subjected to SDS PAGE followed by western blot with 24006-1-AP (FANCD2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-FANCD2 (IP:24006-1-AP, 4 μ g; Detection:24006-1-AP 1:300) with mouse testis tissue lysate 6000 μ g.



Immunohistochemical analysis of paraffin-embedded human testis using 24006-1-AP (FANCD2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 24006-1-AP (FANCD2 antibody) at dilution of 1:50 (under 40x lens).