

Allgemeine Informationen

Katalog-Nr.: 13871-1-AP	GenBank-Zugangsnummer: BC047107	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 240 µg/ml von Nanodrop;	GeneID (NCBI): 25948	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: kelch repeat and BTB (POZ) domain containing 2	
Isotyp: IgG	Berechnete Masse: 622 aa, 71 kDa	
Immunogen Katalognummer: AG4823	Beobachtete Masse: 60-70 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : COLO 320-Zellen, A549-Zellen
Getestete Reaktivität: Human, Maus, Ratte	IHC : humanes Kolonkarzinomgewebe,

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

Hintergrundinformationen

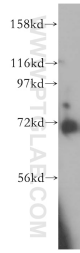
Kelch repeat and BTB domain containing 2(KBTBD2), also known as BTB and kelch domain-containing protein 1, encodes a BTB-Kelch family subunit that p85α-specific recognition for the Cullin3-based E3 ubiquitin ligase complex, which regulates p85α protein ubiquitination and subsequently regulates phosphoinositide-3 kinases (PI3K) signaling (PMID:27708159). However, the expression profile and functional significance of Kbtbd2 is still largely unknown. The Human Protein Atlas which is an online source shows high Kbtbd2 expression in the spleen and thymus, suggesting that Kbtbd2 might involved in immunization (PMID:29331106). In addition, Kbtbd2 is related to Src-induced phosphorylation of protein, spermatogonial stem cell activity(PMID:15623525, 29331106). A 60-70 kDa band has also been reported(PMID:27708159).

Lagerung

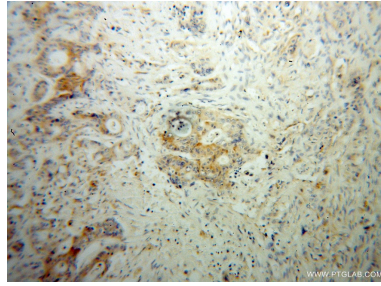
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

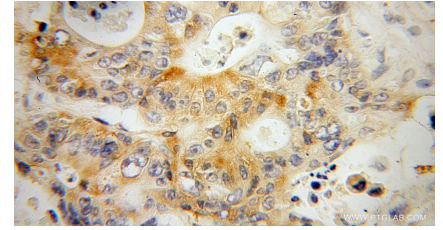
Ausgewählte Validierungsdaten



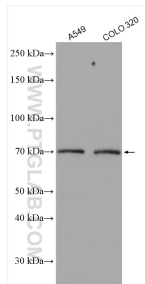
COLO 320 cells were subjected to SDS PAGE followed by western blot with 13871-1-AP (KBTBD2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 13871-1-AP (KBTBD2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 13871-1-AP (KBTBD2 antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 13871-1-AP (KBTBD2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.