

Allgemeine Informationen

Katalog-Nr.: 24063-1-AP	GenBank-Zugangsnummer: BC012866	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 750 µg/ml von Nanodrop;	GeneID (NCBI): 8797	Empfohlene Verdünnungen: WB 1:2000-1:12000
Wirt: Kaninchen	Vollständiger Name: tumor necrosis factor receptor superfamily, member 10a	
Isotyp: IgG	Berechnete Masse: 50 kDa	
Immunogen Katalognummer: AG20927	Beobachtete Masse: 37-55 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: A549-Zellen, HeLa-Zellen, Jurkat-Zellen, PC-3-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) is a member of the TNF superfamily. TRAIL activates apoptosis through the death receptors DR4 (also known as TRAILR1 and TNFRSF10A) and DR5 (also known as TRAILR2, KILLER and TNFRSF10B). DR4 and DR5 are single-pass type I membrane proteins that contain intracellular death domains (DD) and upon activation mediate apoptotic signals (PMID: 11163110). Binding of TRAIL to DR4 or DR5 results in receptor oligomerization and recruitment of FAS-associated protein with death domain (FADD) and caspase 8 to form a functional death-inducing signalling complex (DISC). Upon DISC formation, caspase 8 is cleaved and activated, which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis (PMID: 18813321). DR4 or DR5 promotes the activation of NF-kappa-B and play an important role in inflammation (PMID: 9430227, 19434100).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xingkang Wu	34597653	J Ethnopharmacol	WB
Ran An	31598394	Am J Cancer Res	WB
Juan Yang	27780136	Biomed Pharmacother	WB

Lagerung

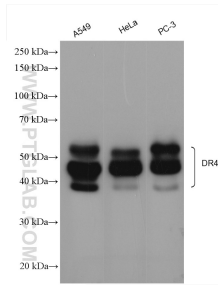
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 24063-1-AP (DR4 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.