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Datasheet for ABIN1386906

anti-DR1 antibody



Go to Product page

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Quantity:	100 μL
Target:	DR1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DR1 protein
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	DR1	
Alternative Name:	DR1 Protein (DR1 Products)	
Background:	Synonyms: Dr1 protein; NC2; Negative cofactor 2 beta; Down regulator of transcription 1; Down regulator of transcription 1 TBP binding; Down-regulator of transcription 1; DR 1; Dr1; NC 2; NC2	
	beta; NC2-beta; NC2B_HUMAN; Negative co factor 2; Negative cofactor 2; Negative cofactor 2-	

beta; Protein Dr1; TATA binding protein associated phosphoprotein; TATA-binding protein-associated phosphoprotein.

Background: DR1, also known as NC2 (negative cofactor 2 subunit), is a TFIID (TATA box-binding protein)-associated protein. DR1 localizes to the nucleus and contains an N-terminal histone fold motif, a TFIID-binding domain and an alanine and glutamine rich region. Via its histone fold motif, DR1 forms a heterodimer with NC2å (DRAP1) to comprise the conserved eukaryotic complex, NC2 (negative cofactor 2). The NC2 complex can both positively and negatively regulate transcription by RNA Pol II. More specifically, NC2 acts as a repressor of TATA-dependent transcription and acts as an activator for DPE-dependent transcription. NC2 represses RNA Pol II transcription by binding to TFIID and inhibiting association of the transcription factors TFIIA and TFIIB. NC2 activity is regulated by phosphorylation. Both subunits, NC2å and DR1, are phosphorylated in vivo.

Gene ID:

10589

Application Details

Application Notes: WB 1:300-5000

IHC-P 1:200-400

IF(IHC-P) 1:50-200

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months