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anti-DR1 antibody (N-Term)



Overview



Publication



Go to Product page

Quantity:	100 μL
Target:	DR1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DR1 antibody is un-conjugated

Application: Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DR1
Sequence:	MASSSGNDDD LTIPRAAINK MIKETLPNVR VANDARELVV NCCTEFIHLI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against DR1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target: DR1

Target Details

Alternative Name:	DR1 (DR1 Products)
Background:	DR1 is a TBP- (TATA box-binding protein) associated phosphoprotein that represses both basa and activated levels of transcription. DR1 is phosphorylated in vivo and this phosphorylation
	affects its interaction with TBP. DR1 contains a histone fold motif
	Alias Symbols: NC2, NC2-BETA
	Protein Interaction Partner: POLE3, TBP, UBC, BTF3L4, LRSAM1, GOPC, NPLOC4, IPO11, DBNL,
	ARIH1, TTLL12, ARPC1B, UBE3A, METTL1, HSF1, XPO1, YEATS2, DRAP1, CREB1, CCDC101,
	TADA2B, SUPT20H, MBIP, WDR5, TADA3, KAT2B, MAP3K7, TADA2A, KAT2A, DR1, ELAVL1,
	NFYC, NFIL3, TTF2, IRF1,
	Protein Size: 176
Molecular Weight:	19 kDa
Gene ID:	1810
NCBI Accession:	NM_001938, NP_001929
UniProt:	Q01658
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 176 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

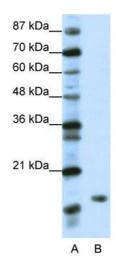
Publications

Product cited in:

Povlsen, Løfgren, Dalgas, Birkler, Johannsen, Støttrup, Bøtker: "Protection against myocardial ischemia-reperfusion injury at onset of type 2 diabetes in Zucker diabetic fatty rats is associated with altered glucose oxidation." in: **PLoS ONE**, Vol. 8, Issue 5, pp. e64093, (2013) (PubMed).

Tsai, Hong, Liou, Liao: "Association study of GOT2 genetic polymorphisms and schizophrenia." in: **Psychiatric genetics**, Vol. 17, Issue 5, pp. 314, (2007) (PubMed).

Images



Western Blotting

Image1.WBSuggestedAnti-DR1AntibodyTitration:1.25ug/mlELISATiter:1:62500PositiveControl:Transfected 293T