

Rabbit DR1 Polyclonal Antibody | anti-DR1 antibody

DR1 Antibody (Center)

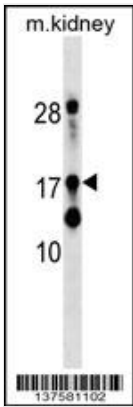
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287561	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

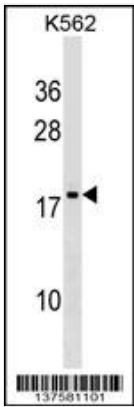
DR1; Polyclonal Antibody; DR1 Antibody (Center); Protein Dr1; Down-regulator of transcription 1; Negative cofactor 2-beta; NC2-beta; TATA-binding protein-associated phosphoprotein; anti-DR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-112 amino acids from the Central region of human DR1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	83-112
Sequence Length	176
Applicable Applications for anti-DR1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
DR1 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the DR1 antibody detected the DR1 protein (arrow).



WB (Western Blot)
DR1 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the DR1 antibody detected the DR1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DR1 antibody	This gene encodes a TBP- (TATA box-binding protein) associated phosphoprotein that represses both basal and activated levels of transcription. The encoded protein is phosphorylated in vivo and this phosphorylation affects its interaction with TBP. This protein contains a histone fold motif at the amino terminus, a TBP-binding domain, and a glutamine- and alanine-rich region. The binding of DR1 repressor complexes to TBP-promoter complexes may establish a mechanism in which an altered DNA conformation, together with the formation of higher order complexes, inhibits the assembly of the preinitiation complex and controls the rate of RNA polymerase II transcription.
Product Categories/Family for anti-DR1 antibody	Cell Biology
References	Corneveaux, J.J., et al. Hum. Mol. Genet. 19(16):3295-3301(2010) Kantidakis, T., et al. Nucleic Acids Res. 38(4):1228-1239(2010) Albert, T.K., et al. Genome Biol. 11 (3), R33 (2010) : Kahle, J., et al. J. Biol. Chem. 284(14):9382-9393(2009) Wang, Y.L., et al. J. Biol. Chem. 283(49):33808-33815(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503381
NCBI GeneID	1810
NCBI Accession #	NP_001929.1
NCBI GenBank Nucleotide #	NM_001938.2
UniProt Accession #	Q01658
Molecular Weight	19444
NCBI Official Full Name	protein Dr1
NCBI Official Synonym Full Names	down-regulator of transcription 1, TBP-binding (negative cofactor 2)
NCBI Official Symbol	DR1
NCBI Official Synonym Symbols	NC2; NC2-BETA

NCBI Protein Information	protein Dr1
UniProt Protein Name	Protein Dr1
UniProt Gene Name	DR1
UniProt Synonym Gene Names	NC2-beta
UniProt Entry Name	NC2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dr1-antibody-western-blot-elisa/287561>