

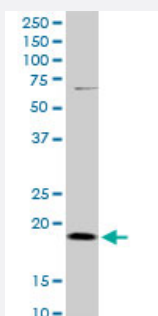
MaxPab®

DR1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00001810-B01

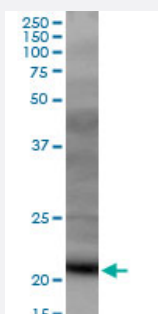
Size 50 uL

Applications



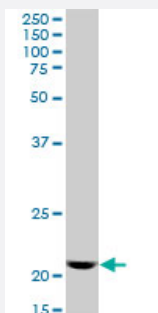
Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in Jurkat.



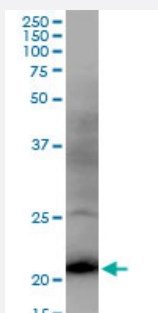
Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in NIH/3T3.



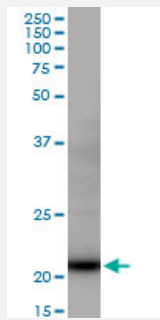
Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in HeLa S3 NE.



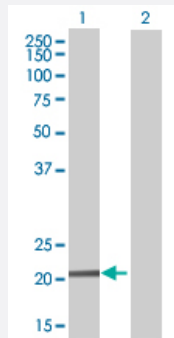
Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in PC-12.



Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in Raw 264.7.

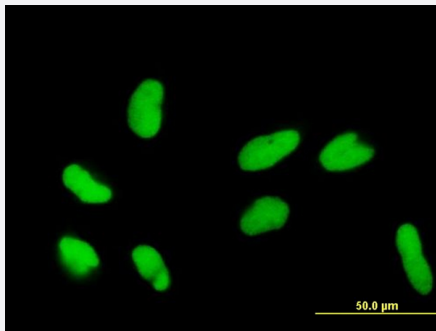


Western Blot (Transfected lysate)

Western Blot analysis of DR1 expression in transfected 293T cell line ([H00001810-T01](#)) by DR1 MaxPab polyclonal antibody.

Lane 1: DR1 transfected lysate(19.36 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DR1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DR1 protein.
Immunogen	DR1 (NP_001929.1, 1 a.a. ~ 176 a.a) full-length human protein.
Sequence	MASSSGNDDDLTIPRAAINKMIKETLPNVRVANDARELVVNCCTEFIHLISSEANEICNKSEKKTISP EHVIALESGLGFGSYISEVKEVLQECKTVALKRRKASSRLENLGIPEEEELLRQQQELFAKARQQQA ELAQQEWLQMQQAAQQAQLAAASASASNQAGSSQDEEDDDDI
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note

For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in Hela S3 NE.

[Protocol Download](#)

- Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

DR1 MaxPab polyclonal antibody. Western Blot analysis of DR1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DR1 expression in transfected 293T cell line ([H00001810-T01](#)) by DR1 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DR1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — DR1

Entrez GeneID [1810](#)

GeneBank Accession# [NM_001938.2](#)

Protein Accession# [NP_001929.1](#)

Gene Name DR1

Gene Alias NC2, NC2-BETA

Gene Description down-regulator of transcription 1, TBP-binding (negative cofactor 2)

Omim ID [601482](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000012556|OTTHUMP00000012557|down-regulator of transcription 1

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)