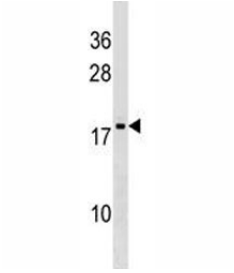
DR1 Antibody (Down-regulator of transcription 1) (F45943)

Catalog No.	Formulation	Size
F45943-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45943-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat, Chicken
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q01658
Applications	Western blot: 1:1000
Limitations	This DR1 antibody is available for research use only.



DR1 antibody western blot analysis in K562 lysate. Predicted molecular weight ~19 kDa.

Description

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.

Application Notes

Titration of the DR1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 83-112 from the human protein was used as the immunogen for this DR1 antibody.

Storage

Aliquot the DR1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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