

Product Datasheet

DR1 Antibody - BSA Free NBP2-47480

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-47480

DR1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

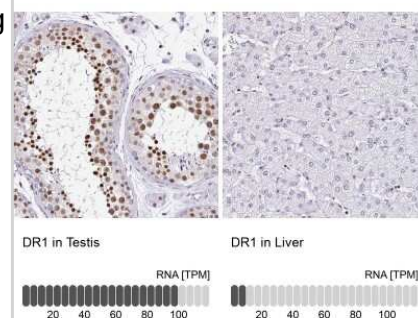
Product Description	
Description	Novus Biologicals Rabbit DR1 Antibody - BSA Free (NBP2-47480) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1810
Gene Symbol	DR1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EVKEVLQECKTVALKRRKASSRLENLGIPEEELLRQQQELFAKARQQQAELAQ QEWLQMQQ

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

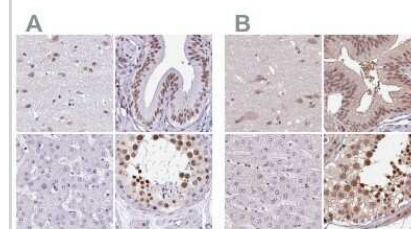


Images

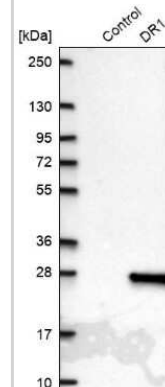
Immunohistochemistry-Paraffin: DR1 Antibody [NBP2-47480] - Staining in human testis and liver tissues using anti-DR1 antibody. Corresponding DR1 RNA-seq data are presented for the same tissues.



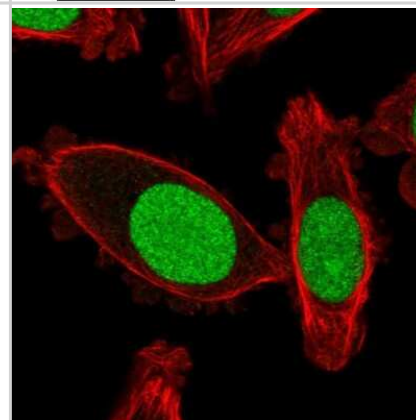
Immunohistochemistry-Paraffin: DR1 Antibody [NBP2-47480] - Staining of human cerebral cortex, gallbladder, liver and testis using Anti-DR1 antibody NBP2-47480 (A) shows similar protein distribution across tissues to independent antibody NBP2-48979 (B).



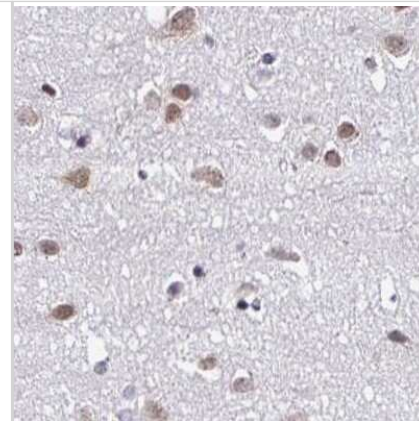
Western Blot: DR1 Antibody [NBP2-47480] - Analysis in control (vector only transfected HEK293T lysate) and DR1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



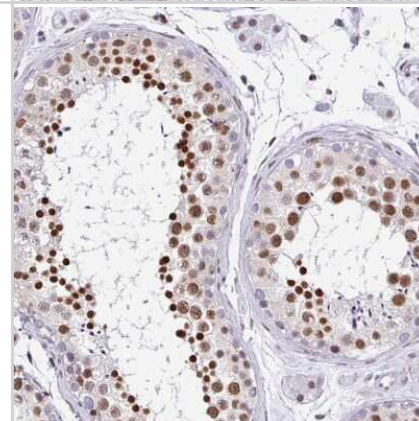
Immunocytochemistry/Immunofluorescence: DR1 Antibody [NBP2-47480] - Immunofluorescent staining of human cell line PC-3 shows localization to nucleus.



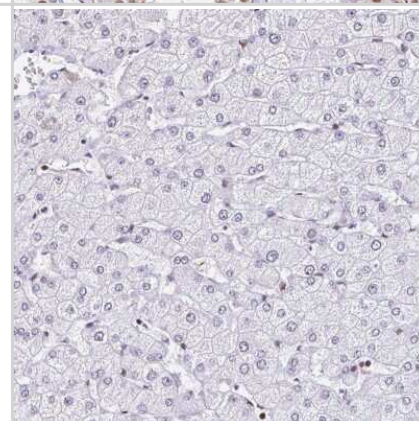
Immunohistochemistry-Paraffin: DR1 Antibody [NBP2-47480] - Staining of human cerebral cortex.



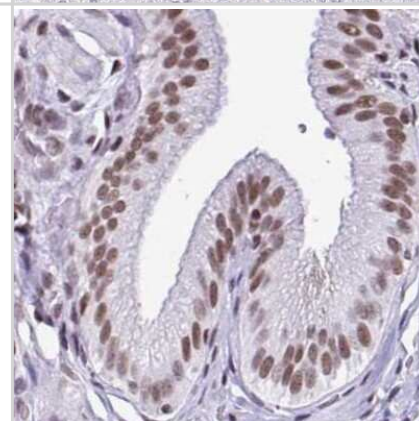
Immunohistochemistry-Paraffin: DR1 Antibody [NBP2-47480] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



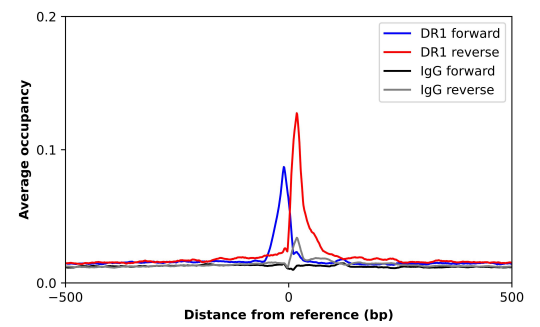
Immunohistochemistry-Paraffin: DR1 Antibody [NBP2-47480] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: DR1 Antibody [NBP2-47480] - Staining of human gallbladder.



ChIP-Exo-Seq composite graph for Anti-DR1 (NBP2-47480) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP2-47480

NBP2-47480PEP	DR1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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