

# Product Datasheet

## DDR1 Antibody - BSA Free NBP1-33134

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 2

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Updated 2/21/2025 v.20.1

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**NBP1-33134**

DDR1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	101 kDa

**Product Description**

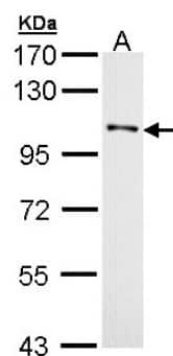
<b>Host</b>	Rabbit
<b>Gene ID</b>	780
<b>Gene Symbol</b>	DDR1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human DDR1. The exact sequence is proprietary.

**Product Application Details**

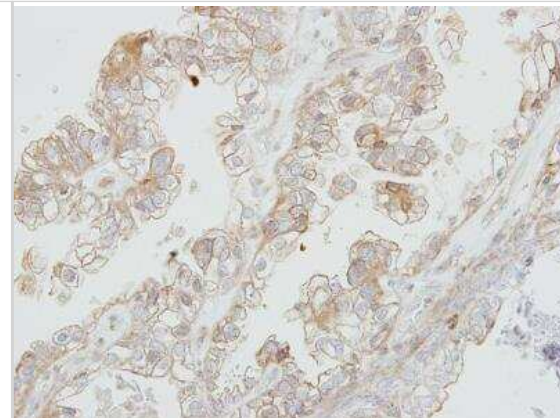
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

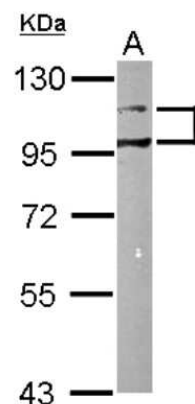
Western Blot: DDR1 Antibody [NBP1-33134] - Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE; antibody diluted at 1:5000.



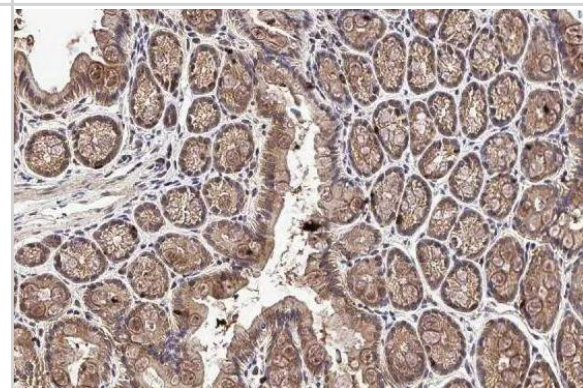
Immunohistochemistry-Paraffin: DDR1 Antibody [NBP1-33134] - Human ovarian cancer, using DDR1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



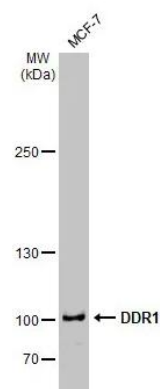
Western Blot: DDR1 Antibody [NBP1-33134] - Sample (50 ug of whole cell lysate) A: Mouse brain 7. 5% SDS PAGE; antibody diluted at 1:1000.



Immunohistochemistry-Paraffin: DDR1 Antibody [NBP1-33134] - Mouse colon. DDR1 stained by DDR1 antibody [N1N3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: DDR1 Antibody [NBP1-33134] -Whole cell extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with DDR1 antibody [N1N3] diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



## Publications

Torun YM, Delen E, Doganlar O et al. Effects of Expression of Matrix Metalloproteinases and Discoidin Domain Receptors in Ligamentum Flavum Fibrosis in Patients with Degenerative Lumbar Canal Stenosis Asian spine journal 2022-09-27 [PMID: 36163678] (WB, Human)

Tao Y, Wang R, Lai Q Targeting of DDR1 with antibody-drug conjugates has antitumor effects in a mouse model of colon carcinoma Mol Oncol 2019-05-22 [PMID: 31116512] (IHC-P, Human, Mouse)





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### **Products Related to NBP1-33134**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
QET00B	Endothelin-1 [HRP]

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### **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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