

# Product Datasheet

## GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free NBP3-25620

Unit Size: 100 ul

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

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**NBP3-25620**

GPRC5A/RAI3 Antibody (HL1864) - Azide and 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>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1864
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

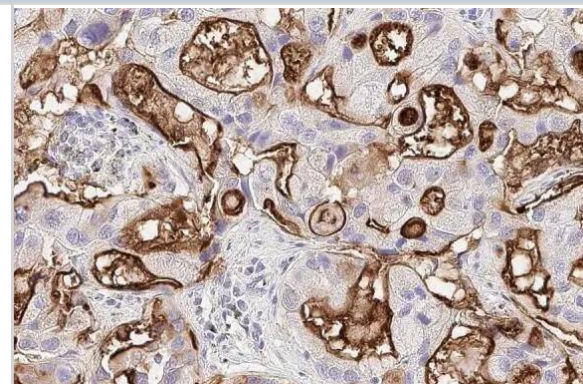
<b>Host</b>	Rabbit
<b>Gene ID</b>	9052
<b>Gene Symbol</b>	GPRC5A
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant fragment of human GPRC5A/RAI3.

**Product Application Details**

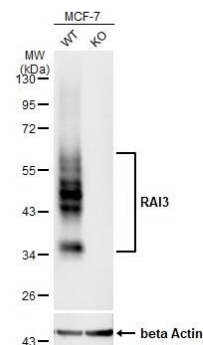
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunohistochemistry-Paraffin

**Images**

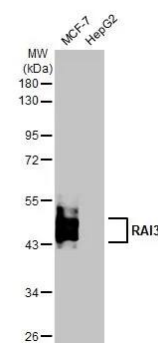
Immunohistochemistry-Paraffin: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620] - RAI3 antibody [HL1864] detects RAI3 protein at cell membrane by immunohistochemical analysis. Sample: Paraffin-embedded human lung cancer. RAI3 stained by RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



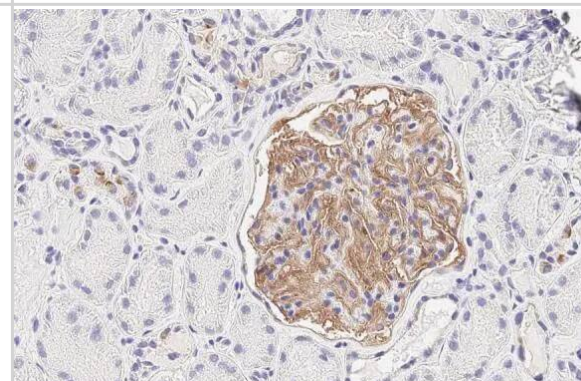
**Knockout Validated: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620]** - Unboiled wild-type (WT) and GPRC5A knockout (KO) MCF-7 cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



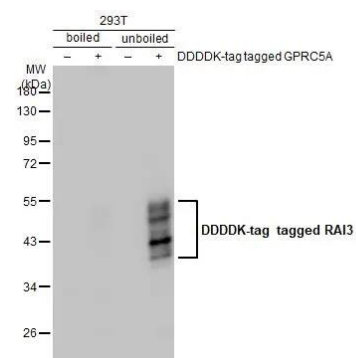
**Western Blot: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620]** - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



**Immunohistochemistry-Paraffin: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620]** - RAI3 antibody [HL1864] detects RAI3 protein at cell membrane by immunohistochemical analysis. Sample: Paraffin-embedded human kidney. RAI3 stained by RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Western Blot: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620]** - Non-transfected (-) and transfected (+) boiled and unboiled 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP3-25620**

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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
H00009052-P01-2ug	Recombinant Human GPRC5A/RAI3 GST (N-Term) Protein

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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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