

Product Datasheet

AG-2/AGR2 Antibody - BSA Free NBP1-05933

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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Updated 10/23/2024 v.20.1

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NBP1-05933

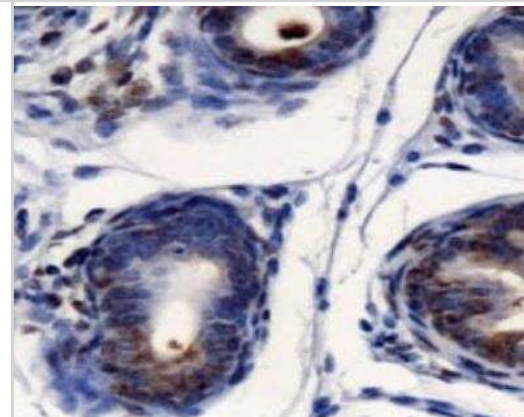
AG-2/AGR2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol
Product Description	
Host	Rabbit
Gene ID	10551
Gene Symbol	AGR2
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: bovine (100%).
Immunogen	Synthetic peptide made to an internal portion of human AGR2 (within residues 50-100). [Swiss-Prot# O95994]
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, ICC/IF (Negative)
Recommended Dilutions	Immunohistochemistry 1:100-1:300, Immunohistochemistry-Paraffin 1:100-1:300, ICC/IF (Negative)
Application Notes	This AGR2 antibody is useful for Immunohistochemistry paraffin embedded sections. It is not applicable for Immunocytochemistry/Immunofluorescence.

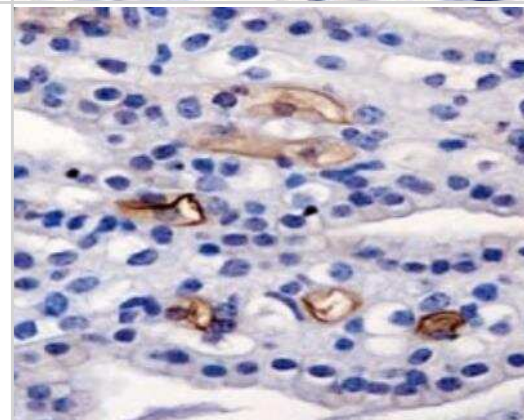


Images

Immunohistochemistry-Paraffin: AG-2 Antibody [NBP1-05933] - Detection of AGR2 in mouse prostate.



Immunohistochemistry: AG-2 Antibody [NBP1-05933] - Detection of AGR2 in mouse kidney.



Procedures

Protocol specific for AGR2 Antibody (NBP1-05933)

AG-2/AGR2 Antibody:

Antigen Unmasking

Bring slides to a boil in 10 mM sodium citrate buffer pH 6.0 then maintain at a sub-boiling temperature for 10 minutes. Cool slides on bench top for 30 minutes.

Staining

1. Wash sections in dH₂O three times for 5 minutes each.
2. Wash section in wash buffer (1X PBS/0.1% Tween-20 (1X PBST)) for 5 minutes.
3. Block each section with 100-400 ul blocking solution (1X PBST, 5% goat serum) for 1 hour at room temperature.
4. Remove blocking solution and add 100-400 ul primary antibody diluted in 1X PBST, 5% goat serum to each section. Incubate overnight at 4C.
5. Remove antibody solution and wash sections in wash buffer three times for 5 minutes each.
6. Add 100-400 ul biotinylated secondary antibody, diluted in 1X PBST, 5% goat serum. Incubate 30 minutes at room temperature.
7. Remove secondary antibody solution and wash sections three times with wash buffer for 5 minutes each.
8. Add 100-400 ul Stryptavidin-HRP reagent to each section and incubate for 30 minutes at room temperature.
9. Wash sections three times in wash buffer for 5 minutes each.
10. Add 100-400 ul DAB substrate to each section and monitor staining closely.
11. As soon as the sections develop, immerse slides in dH₂O.
12. Counterstain sections in hematoxylin.
13. Wash sections in dH₂O two times for 5 minutes each.
14. Dehydrate sections.
15. Mount coverslips.





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Products Related to NBP1-05933

NBP1-05933PEP	AG-2/AGR2 Antibody Blocking Peptide
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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