

Product Datasheet

AG-2/AGR2 Antibody - BSA Free NBP1-89212

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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Publications: 2

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NBP1-89212

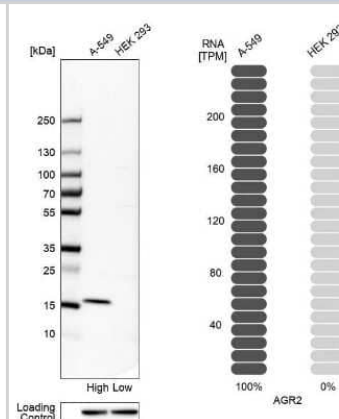
AG-2/AGR2 Antibody - BSA Free

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 AG-2/AGR2 Antibody - BSA Free (NBP1-89212) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-AG-2/AGR2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10551
Gene Symbol	AGR2
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RDTTVKPGAKKDTKDSRPKLPQTLRGWGDQLIWTQTYEEALYKSKTSNKPL MIIHHLDECPHSQALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQYVP RIMFVDPSLTVRADITGR
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

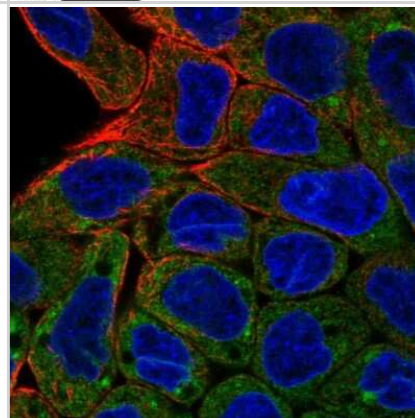


Images

Western Blot: AG-2 Antibody [NBP1-89212] - Analysis in human cell lines A-549 and HEK293 using anti-AGR2 antibody. Corresponding AGR2 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



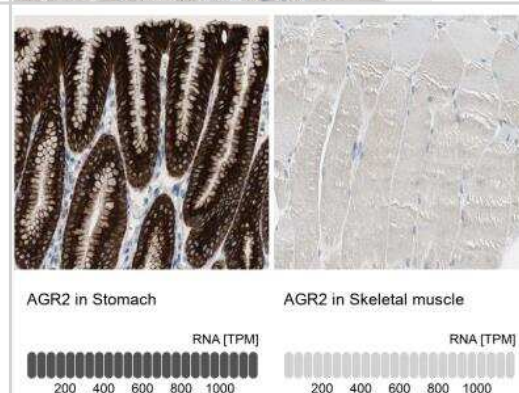
Immunocytochemistry/Immunofluorescence: AG-2 Antibody [NBP1-89212] - Staining of human cell line RT4 shows localization to cytosol. Antibody staining is shown in green.



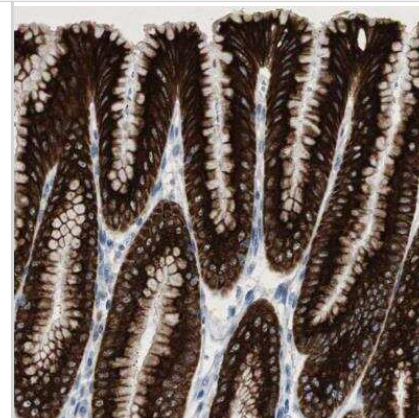
Immunohistochemistry-Paraffin: AG-2 Antibody [NBP1-89212] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



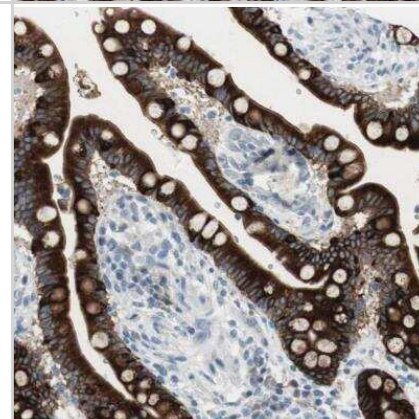
Immunohistochemistry-Paraffin: AG-2 Antibody [NBP1-89212] - Analysis in human stomach and skeletal muscle tissues. Corresponding AGR2 RNA-seq data are presented for the same tissues.



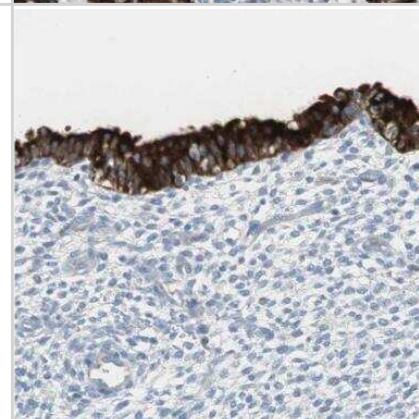
Immunohistochemistry-Paraffin: AG-2 Antibody [NBP1-89212] - Staining of human stomach shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: AG-2 Antibody [NBP1-89212] - Staining of human colon shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: AG-2 Antibody [NBP1-89212] - Staining of human endometrium shows moderate to strong cytoplasmic positivity in glandular cells.



Publications

Hrstka R, Brychtova V, Fabian P et al. AGR2 Predicts Tamoxifen Resistance in Postmenopausal Breast Cancer Patients. Dis Markers 2013-01-01 [PMID: 24167368] (IF/IHC)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-89212

NBP1-89212PEP	AG-2/AGR2 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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