

ARG64094 anti-AGR2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes AGR2
Tested Reactivity	Hu
Predict Reactivity	Ms, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AGR2
Species	Human
Immunogen	C-GAKKDTKDSRPK
Conjugation	Un-conjugated
Alternate Names	Anterior gradient protein 2 homolog; Secreted cement gland protein XAG-2 homolog; hAG-2; GOB-4; HAG-2; HPC8; PDIA17; HEL-S-116; AG-2; XAG-2; AG2

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay - dependent
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 10551 Human](#)

[Swiss-port # O95994 Human](#)

Gene Symbol

AGR2

Gene Full Name

anterior gradient 2

Function

Required for MUC2 post-transcriptional synthesis and secretion. May play a role in the production of mucus by intestinal cells (By similarity). Proto-oncogene that may play a role in cell migration, cell differentiation and cell growth. [UniProt]

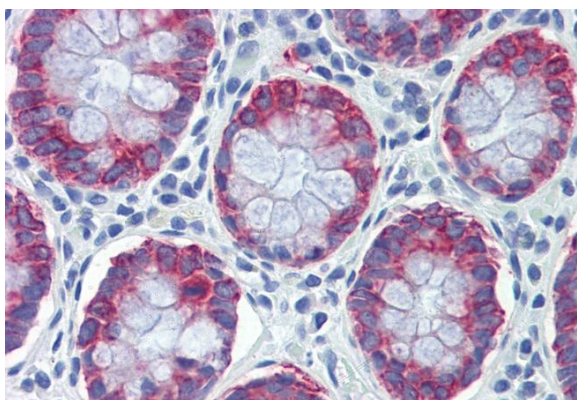
Research Area

Cancer antibody; Signaling Transduction antibody

Calculated Mw

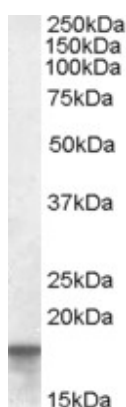
20 kDa

Images



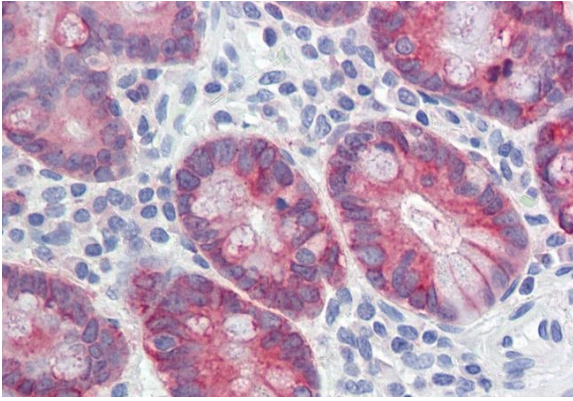
ARG64094 anti-AGR2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64094 anti-AGR2 antibody at 5 µg/ml dilution followed by AP-staining.



ARG64094 anti-AGR2 antibody WB image

Western blot: 35 µg of Human colon lysate (in RIPA buffer) stained with ARG64094 anti-AGR2 antibody at 0.01 µg/ml dilution and incubated at RT for 1 hour.



ARG64094 anti-AGR2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64094 anti-AGR2 antibody at 5 μ g/ml dilution followed by AP-staining.