

AGR2 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12843**Specification**

AGR2 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O95994
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	20kDa KDa

AGR2 Antibody (Internal) - Additional Information**Gene ID** 10551**Other Names**

Anterior gradient protein 2 homolog, AG-2, hAG-2, HPC8, Secreted cement gland protein XAG-2 homolog, AGR2, AG2

Target/Specificity

Human AGR2.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

AGR2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

AGR2 Antibody (Internal) - Protein Information**Name** AGR2**Synonyms** AG2**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. Promotes cell adhesion (PubMed:23274113).

Cellular Location

Secreted. Endoplasmic reticulum {ECO:0000250|UniProtKB:O88312}

Tissue Location

Expressed strongly in trachea, lung, stomach, colon, prostate and small intestine. Expressed

weakly in pituitary gland, salivary gland, mammary gland, bladder, appendix, ovary, fetal lung, uterus, pancreas, kidney, fetal kidney, testis, placenta, thyroid gland and in estrogen receptor (ER)-positive breast cancer cell lines

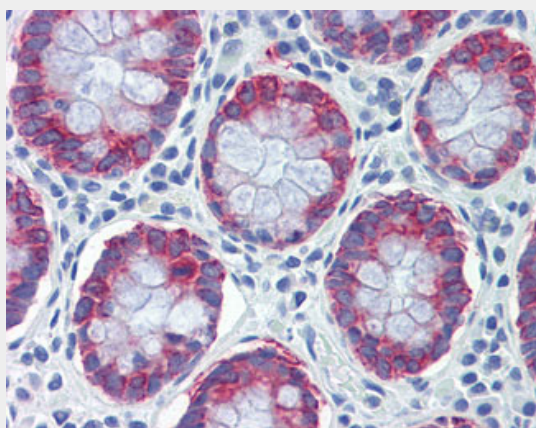
Volume
50 µl

AGR2 Antibody (Internal) - Protocols

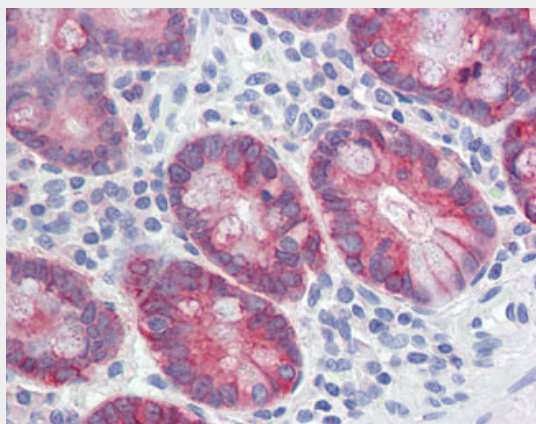
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AGR2 Antibody (Internal) - Images



Anti-AGR2 antibody IHC of human colon.



Anti-AGR2 antibody IHC of human small intestine.

AGR2 Antibody (Internal) - Background

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.

AGR2 Antibody (Internal) - References

Thompson D.A.,et al.Biochem. Biophys. Res. Commun. 251:111-116(1998).
Zhang J.S.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.
Fan Y.X.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.