

AGR2 Antibody

Rabbit mAb Catalog # AP90772

Product Information

Application WB, IHC, IF, FC, ICC, IP, IHF

Primary Accession
Reactivity
Human
Clonality
Monoclonal

Other Names Anterior gradient protein 2 homolog; AG-2; hAG-2; HPC8; Secreted cement

gland protein XAG-2 homolog; AGR2; AG2; GOB4; XAG2;

IsotypeRabbit IgGHostRabbitCalculated MW19979

Additional Information

Dilution WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:20 FC 1:20

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human AGR2

Description AGR2 is a member of the protein disulfide isomerase (PDI) family of proteins

and a homolog of the Xenopus laevis cement gland protein. 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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name AGR2

Synonyms AG2

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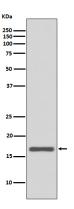
cell growth. Promotes cell adhesion (PubMed: <u>23274113</u>).

Cellular Location Secreted. Endoplasmic reticulum {ECO:0000250 | UniProtKB:088312}

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

Images



Western blot analysis of AGR2 expression in MCF-7 cell lysate.

Image not found: 202311/AP90772-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human uterus, using AGR2 Antibody.

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