

Product datasheet for **AP22561PU-N**

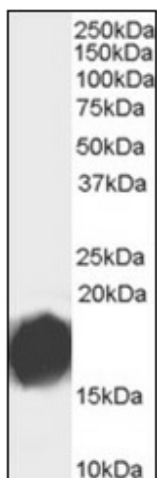
AGR2 (48-59) Goat Polyclonal Antibody

Product data:

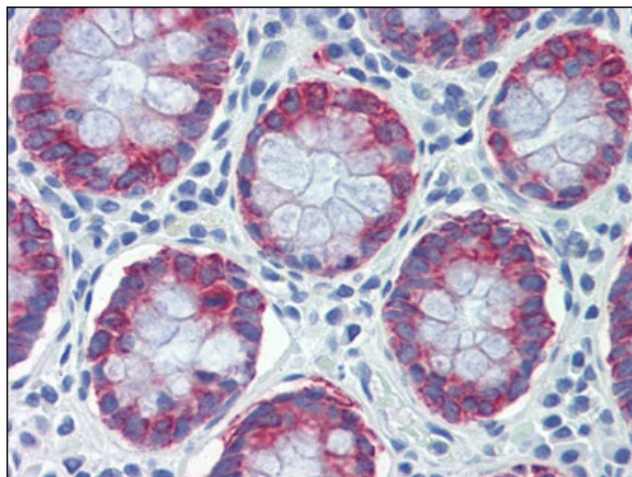
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/128000. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/128000, 0.01 µg/ml.
Reactivity:	Canine, Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from an internal region of human AGR2
Specificity:	This antibody detects AGR2 (Internal).
Formulation:	Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	anterior gradient 2, protein disulphide isomerase family member
Database Link:	Entrez Gene 23795 Mouse Entrez Gene 10551 Human O95994
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.
Synonyms:	Anterior gradient protein 2 homolog, AG2, AG-2, HPC8
Protein Families:	Secreted Protein



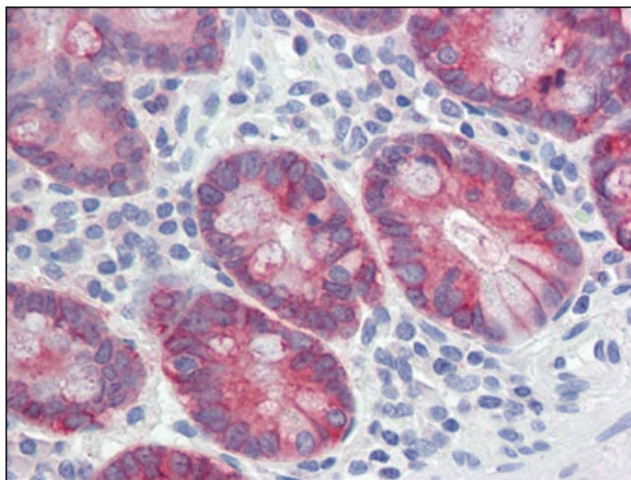
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Product images:

Antibody (0.01 ug/ml) staining of Human Duodenum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Human Colon (formalin-fixed, paraffin-embedded) stained with AGR2 antibody AP22561PU-N followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Small Intestine (formalin-fixed, paraffin-embedded) stained with AGR2 antibody followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.