

Rabbit anti-Human, Mouse AGR2 Polyclonal Antibody | anti-AGR2 antibody

AGR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40683	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

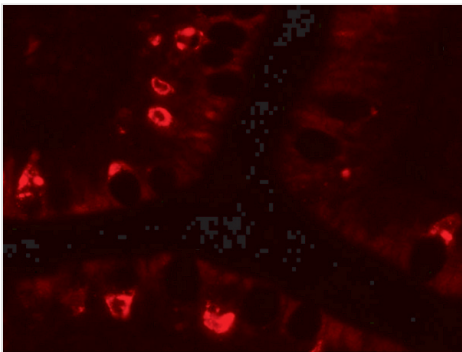
PRODUCT SYNONYMS

AGR2; Polyclonal Antibody; AGR2 Antibody; AG2; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116; UNQ515/PRO1030; Anterior gradient protein 2 homolog; HPC8; AG-2; anterior gradient 2 homolog (Xenopus laevis); anti-AGR2 antibody

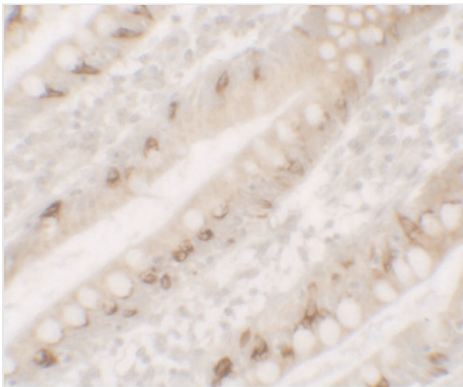
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Two isoforms of AGR2 exists as a result of alternative splicing event.
Purity/Purification	AGR2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	175
Applicable Applications for anti-AGR2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal AGR2 antibody was raised against a 17 amino acid peptide near the amino terminus of human AGR2.
Buffer	AGR2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	AGR2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

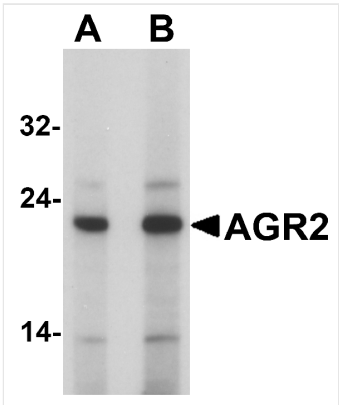
IMAGES



IF (Immunofluorescence)
Immunofluorescence of AGR2 in human small intestine tissue with AGR2 antibody at 20 μ g/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of AGR2 in human small intestine tissue with AGR2 antibody at 5 μ g/ml.



WB (Western Blot)
Western blot analysis of AGR2 in HeLa cell lysate with AGR2 antibody at (A) 1 and (B) 2 μ g/mL

ADDITIONAL INFORMATION

Related Product Information for anti-AGR2 antibody

AGR2 Antibody: AGR2 (anterior gradient protein 2) and AGR3 are members of the anterior gradient homolog family. They are secreted cytoplasmic proteins which are involved in metastasis induction and p53 tumour suppressor inhibition. They may serve as molecular markers and potential therapeutic targets for hormone-responsive breast tumours. AGR2 is ubiquitously expressed with upregulated expression in prostate cancer, breast cancer, lung cancer, renal carcinomas and endometrial carcinomas. AGR2 expression is positively correlated with that of the estrogen receptor (ER) and is negatively correlated with that of the epidermal growth factor receptor (EGFR).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453541
NCBI GeneID	10551
NCBI Accession #	NP_006399
NCBI GenBank Nucleotide #	NM_006408.3
UniProt Accession #	O95994
Molecular Weight	19 kDa
NCBI Official Full Name	anterior gradient protein 2 homolog
NCBI Official Synonym Full Names	anterior gradient 2
NCBI Official Symbol	AGR2

NCBI Official Synonym Symbols	AG2; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116
NCBI Protein Information	anterior gradient protein 2 homolog; AG-2; HPC8; anterior gradient homolog 2; secreted cement gland homolog; epididymis secretory protein Li 116; secreted cement gland protein XAG-2 homolog; protein disulfide isomerase family A, member 17
UniProt Protein Name	Anterior gradient protein 2 homolog
UniProt Gene Name	AGR2
UniProt Synonym Gene Names	AG2; AG-2; hAG-2
UniProt Entry Name	AGR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/agr2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40683>