

Rabbit anti-Human AGR3 Polyclonal Antibody | anti-AGR3 antibody

AGR3 Antibody (C-term)

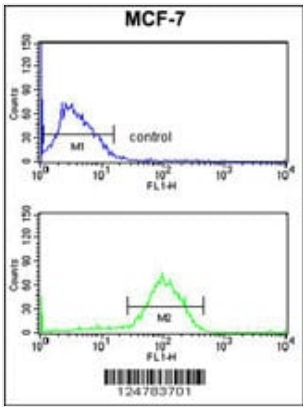
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287768	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

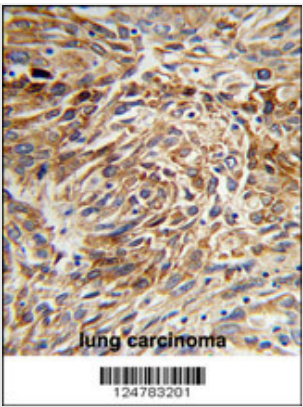
AGR3; Polyclonal Antibody; AGR3 Antibody (C-term); Anterior gradient protein 3 homolog; AG-3; AG3; hAG-3; Breast cancer membrane protein 11; BCMP11; anti-AGR3 antibody

PRODUCT SPECIFICATIONS

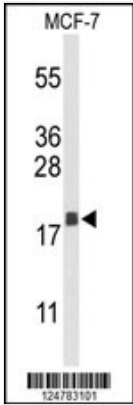
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AGR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-147 amino acids from the C-terminal region of human AGR3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	119-147
Sequence Length	166
Applicable Applications for anti-AGR3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
AGR3 Antibody (C-term) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with AGR3 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of AGR3 Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). AGR3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AGR3 antibody	AGR3 (Anterior Gradient 3) protein, also known as AG3 (hAG3, HAG3 in human), or BCMP11, is a secreted cytoplasmic protein which is involved in metastasis induction and p53 tumour suppressor inhibition. It may serve as molecular marker and potential therapeutic target for hormone-responsive breast tumours. Its Xenopus homolog is associated with anteroposterior fate determination during early development.
Product Categories/Family for anti-AGR3 antibody	Cancer; Signal Transduction
References	Persson, S., et al. Mol. Phylogenet. Evol. 36(3):734-740(2005) Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Fletcher, G.C., et al. Br. J. Cancer 88(4):579-585(2003) Adam, P.J., et al. J. Biol. Chem. 278(8):6482-6489(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28827801
NCBI GeneID	155465
NCBI Accession #	NP_789783.1

NCBI GenBank Nucleotide #	NM_176813.4
UniProt Accession #	Q8TD06; A4D120
Molecular Weight	19171
NCBI Official Full Name	anterior gradient protein 3 homolog
NCBI Official Synonym Full Names	anterior gradient 3
NCBI Official Symbol	AGR3
NCBI Official Synonym Symbols	AG3; AG-3; HAG3; hAG-3; BCMP11; PDIA18
NCBI Protein Information	anterior gradient protein 3 homolog
UniProt Protein Name	Anterior gradient protein 3 homolog
UniProt Gene Name	AGR3
UniProt Synonym Gene Names	BCMP11; AG-3; AG3; hAG-3
UniProt Entry Name	AGR3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/agr3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287768>