

Rabbit AGR2 Polyclonal Antibody | anti-AGR2 antibody

AGR2 Antibody (Center)

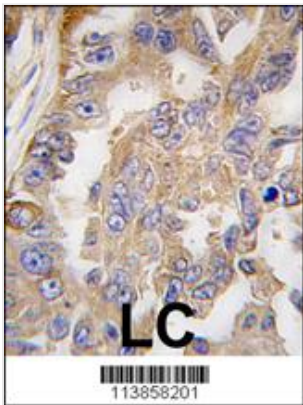
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289546	Rabbit	Human (Predicted Reactivity: Zebrafish, Mouse)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

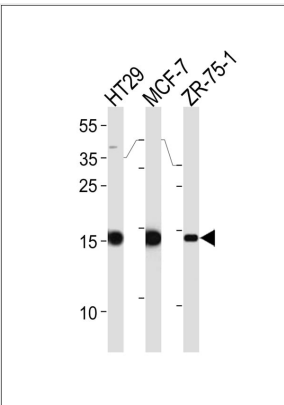
AGR2; Polyclonal Antibody; AGR2 Antibody (Center); Anterior gradient protein 2 homolog; AG-2; hAG-2; HPC8; Secreted cement gland protein XAG-2 homolog; AG2; anti-AGR2 antibody

PRODUCT SPECIFICATIONS

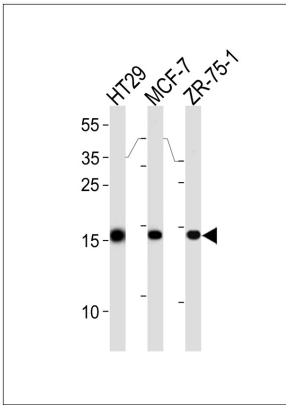
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Zebrafish, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AGR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-124 amino acids from the Central region of human AGR2.
Purity/Purification	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: 0.5 (varies by lot)
Sequence Positions	95-124
Sequence Length	175
Applicable Applications for anti-AGR2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.



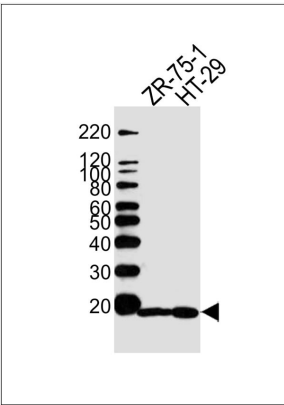
IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with AGR2 antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
AGR2 Antibody (Center) western blot analysis in HT29,MCF-7,ZR-75-1 cell line lysates (35ug/lane).This demonstrates the AGR2 antibody detected the AGR2 protein (arrow).



WB (Western Blot)
AGR2 Antibody (Center) western blot analysis in HT29,MCF-7,ZR-75-1 cell line lysates (35ug/lane).This demonstrates the AGR2 antibody detected the AGR2 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from ZR-75-1, HT29 cell line (from left to right), using AGR2 Antibody (Center). AAA289546 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-AGR2 antibody	Anterior gradient 2 (AGR2) is known as a cancer cell marker specifically up-regulated in response to depletion of serum and oxygen. AGR2 has been identified as a tumor marker in primary and secondary cancer lesions, and as a marker for detection of circulating tumor cells (CTCs). Elevated levels of AGR2 are known to increase the metastatic potential of cancer cells, but conditions leading to increased expression of AGR2 are not well understood.
Product Categories/Family for anti-AGR2 antibody	Crown Antibodies; Cancer; Immunology
References	Zweitzig,D.R., Mol. Cell. Biochem. 306 (1-2), 255-260 (2007) Zhang,Y., Prostate Cancer Prostatic Dis. 10 (3), 293-300 (2007) Fletcher,G.C., Br. J. Cancer 88 (4), 579-585 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453541
NCBI GeneID	10551
NCBI Accession #	NP_006399.1
NCBI GenBank Nucleotide #	NM_006408.3
UniProt Accession #	O95994

Molecular Weight	19979
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
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-western-blot-immunohistochemistry-elisa/289546>