Anti-AGR3 antibody

Description	Rabbit polyclonal to AGR3.

Model	STJ91507
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human AGR3
Immunogen Region	10-90 aa, N-terminal
Gene ID	155465
Gene Symbol	AGR3
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	AGR3 Polyclonal Antibody detects endogenous levels of AGR3 protein.
Tissue Specificity	Expressed in the lung, in the ciliated cells of the airway epithelium . Expression increased with differentiation of airway epithelial cells . Not detected in the mucous cells . Expressed in ciliated cells in the oviduct . Also detected in stomach, colon, prostate and liver . Expressed in breast, ovary, prostate and liver cancer . Expression is associated with the level of differentiation of breast cancer (at protein level) .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Anterior gradient protein 3 AG-3 AG3 hAG-3 Anterior gradient 3 homolog

	Breast cancer membrane protein 11 Protein disulfide isomerase family A, member 18
Molecular Weight	19.171 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:24167OMIM:609482
Alternative Names	Anterior gradient protein 3 AG-3 AG3 hAG-3 Anterior gradient 3 homolog Breast cancer membrane protein 11 Protein disulfide isomerase family A, member 18
Function	Required for calcium-mediated regulation of ciliary beat frequency and mucociliary clearance in the airway. Might be involved in the regulation of intracellular calcium in tracheal epithelial cells.
Cellular Localization	Endoplasmic reticulum. Found in the cytoplasm, which could include the endoplasmic reticulum.