

ARG55840 anti-AGR2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AGR2
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AGR2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 13-42 (N-terminus) of Human AGR2.
Conjugation	Un-conjugated
Alternate Names	Anterior gradient protein 2 homolog; Secreted cement gland protein XAG-2 homolog; hAG-2; GOB-4; HAG-2; HPC8; PDIA17; HEL-S-116; AG-2; XAG-2; AG2

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:10 - 1:50
	IHC-P	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HT29	

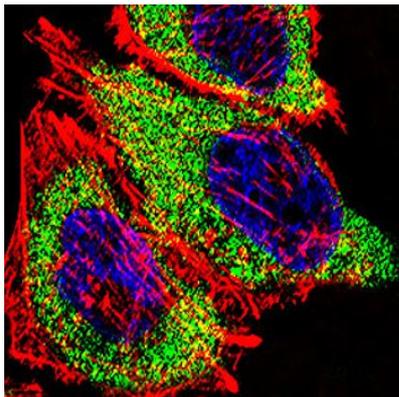
Properties

Form	Liquid
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

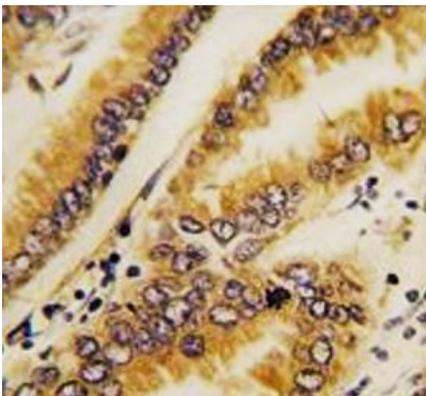
Database links	GeneID: 10551 Human Swiss-port # O95994 Human
Gene Symbol	AGR2
Gene Full Name	anterior gradient 2
Function	Required for MUC2 post-transcriptional synthesis and secretion. May play a role in the production of mucus by intestinal cells (By similarity). Proto-oncogene that may play a role in cell migration, cell differentiation and cell growth. [UniProt]
Highlight	Related products: AGR2 antibodies ; Anti-Rabbit IgG secondary antibodies ; Related news: More than a biomarker, CA19-9 is a therapeutic target of pancreatic cancer
Calculated Mw	20 kDa
Cellular Localization	Secreted. Endoplasmic reticulum

Images



ARG55840 anti-AGR2 antibody ICC/IF image

Immunofluorescence: A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then stained with ARG55840 anti-AGR2 antibody (green) at 1:25 dilution, 1 hour at 37°C. Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/ml, 1 hour at 37°C). DAPI (blue) for nuclear staining.



ARG55840 anti-AGR2 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human lung carcinoma tissue stained with ARG55840 anti-AGR2 antibody.

ARG55840 anti-AGR2 antibody WB image

Western blot: 35 µg of HT29 cell lysate stained with ARG55840 anti-AGR2 antibody.

