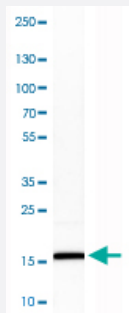


AGR2 polyclonal antibody

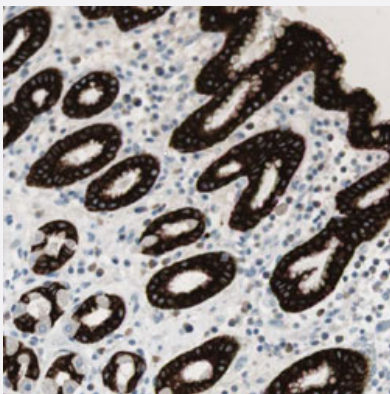
Catalog # PAB31396 Size 100 uL

Applications



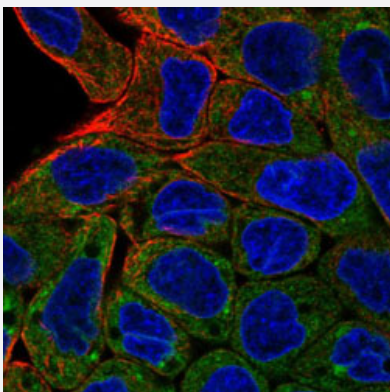
Western Blot (Cell lysate)

Western Blot analysis of A-549 cell lysate with AGR2 polyclonal antibody (Cat # PAB31396).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with AGR2 polyclonal antibody (Cat # PAB31396) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of RT-4 cells with AGR2 polyclonal antibody (Cat # PAB31396) (Green) shows localization to cytosol.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human AGR2.
Immunogen	Recombinant protein corresponding to human AGR2.
Sequence	RDTTVKPGAKKDTKDSRPKLPQTL SRGWGDQLIWTQTYEEALYKSKTSNKPLMIHHLDECPHSQ ALKKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQYVPRIMFVDPSLTVRADITGR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of A-549 cell lysate with AGR2 polyclonal antibody (Cat # PAB31396).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human stomach with AGR2 polyclonal antibody (Cat # PAB31396) shows strong cytoplasmic positivity in glandular cells.

- Immunofluorescence

Immunofluorescent staining of RT-4 cells with AGR2 polyclonal antibody (Cat # PAB31396) (Green) shows localization to cytosol.

Gene Info — AGR2

Entrez GeneID	10551
Protein Accession#	O95994
Gene Name	AGR2
Gene Alias	AG2, GOB-4, HAG-2, XAG-2
Gene Description	anterior gradient homolog 2 (Xenopus laevis)
Omim ID	606358
Gene Ontology	Hyperlink
Other Designations	anterior gradient 2 homolog secreted cement gland homolog

Publication Reference

- [AGR2 predicts tamoxifen resistance in postmenopausal breast cancer patients.](#)

Hrstka R, Brychtova V, Fabian P, Vojtesek B, Svoboda M.

Disease Markers 2013 Sep; 35(4):207.

Application: IHC-P, Human, Breast cancer

- [Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells.](#)

Charlotte Stadler, Elton Rexhepaj, Vasanth R Singan, Robert F Murphy, Rainer Pepperkok, Mathias Uhlén, Jeremy C Simpson, Emma Lundberg.

Nature Methods 2013 Apr; 10(4):315.

Disease

- [Colitis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Inflammatory Bowel Diseases](#)