

AGR3 Polyclonal Antibody

Catalog No: YT0142

Reactivity: Human; Mouse

Applications: IHC;IF;ELISA

Target: AGR3

Gene Name: AGR3

Protein Name: Anterior gradient protein 3 homolog

Q8TD06

Q8R3W7

Human Gene Id: 155465

Human Swiss Prot

No:

Mouse Gene Id: 403205

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

AGR3. AA range:1-50

Specificity: AGR3 Polyclonal Antibody detects endogenous levels of AGR3 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other

applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

1/3



Molecularweight: 19kD

Background: similarity:Belongs to the AGR family.,subunit:Interacts with LYPD3 and alpha-

dystroglycan.,

Function: similarity:Belongs to the AGR family.,subunit:Interacts with LYPD3 and alpha-

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Subcellular Location :

Endoplasmic reticulum. Found in the cytoplasm, which could include the

endoplasmic reticulum. .

Expression: Expressed in the lung, in the ciliated cells of the airway epithelium

(PubMed:25751668). Expression increased with differentiation of airway epithelial

cells (PubMed:25751668). Not detected in the mucous cells (PubMed:25751668). Expressed in ciliated cells in the oviduct

(PubMed:26170690). Also detected in stomach, colon, prostate and liver (PubMed:25751668). Expressed in breast, ovary, prostate and liver cancer (PubMed:26170690). Expression is associated with the level of differentiation of

breast cancer (at protein level) (PubMed:26170690).

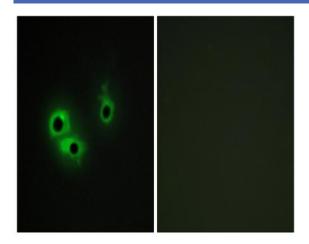
Sort : 1789

No4:

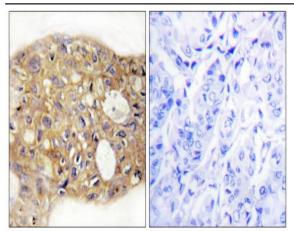
Host: Rabbit

Modifications: Unmodified

Products Images



Immunofluorescence analysis of COS7 cells, using AGR3 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using AGR3 Antibody. The picture on the right is blocked with the synthesized peptide.