

**Anti-Human/Mouse AGR3 Polyclonal Antibody**  
**Polyclonal Antibody**

**Cat.NO.: PA08174**

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3th Edition

**Description:**Anterior gradient protein 3 homolog is a protein that in humans is encoded by the AGR3 gene. The deduced 166-amino acid protein has an N-terminal signal sequence. Fluorescence-tagged BCMP11 localized in secretory or endosome-like organelles in transfected breast carcinoma cell lines. Immunohistochemical analysis showed that expression of BCMP11 was restricted in normal tissues, with significant staining of only the epithelial lining of colonic mucosa. However, BCMP11 was detected in 43 of 58 (74%) breast cancer tissues tested, but not in normal breast ductal epithelial cells. In cancerous epithelial cells, BCMP11 localized to the cytoplasm.

**Antigen:**Recombinant protein of human AGR3

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**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).