

Product datasheet for **AM26017PU-N**

AGR3 Mouse Monoclonal Antibody [Clone ID: AGR3.1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AGR3.1
Applications:	FC, IF, IHC, WB
Recommended Dilution:	Western blot: 1 µg/ml. <i>Positive Control:</i> T47D breast cancer cell line. <i>Negative Control:</i> H1299 lung carcinoma cell line. Immunohistochemistry on Paraffin Sections: 1 µg/ml. <i>Positive Tissue:</i> breast cancer. Immunohistochemistry on Frozen Sections: 1 µg/ml. <i>Positive Tissue:</i> breast cancer. Immunocytochemistry: 1 µg/ml. <i>Positive Control:</i> T47D breast cancer cell line. <i>Negative Control:</i> H1299 lung carcinoma cell line.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Human AGR3 protein.
Specificity:	This antibody recognizes the epitope HETTDKNLS within the AGR3 (AG3) protein (19-20 kDa), a secreted cytoplasmic protein which can serve as a marker of carcinogenesis.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Stabilizer: 0.2% (w/v) high-grade protease free BSA Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated



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Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

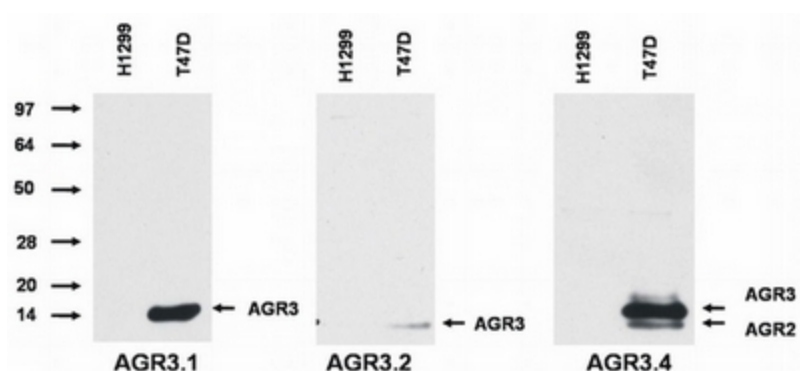
Gene Name: anterior gradient 3, protein disulphide isomerase family member

Database Link: [Entrez Gene 155465 Human Q8TD06](#)

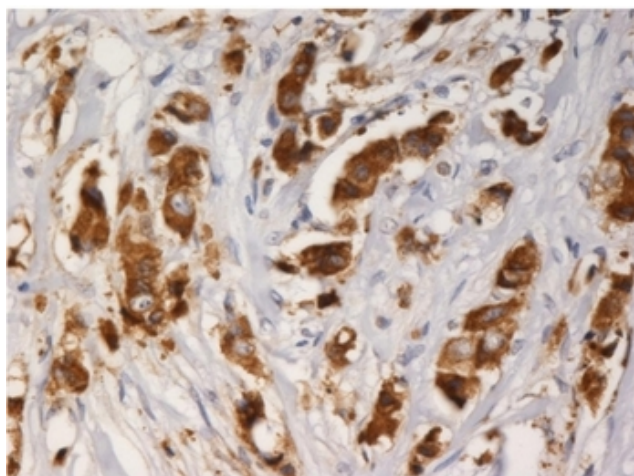
Background: AGR3 (Anterior Gradient 3) protein, also known as AG3 (hAG-3, HAG3 in human), or BCMP11, is a secreted cytoplasmic protein which is involved in metastasis induction and p53 tumour suppressor inhibition. It may serve as molecular marker and potential therapeutic target for hormone-responsive breast tumours. Its Xenopus homolog is associated with anteroposterior fate determination during early development.

Synonyms: BCMP11, HAG3, HAG-3

Product images:



Western blotting analysis of AGR3 protein by AGR3.1 and AGR3.2 antibody, and of AGR3 and AGR2 protein by AGR3.4 antibody in T47D breast cancer cell line compared to H1229 lung carcinoma cell line.



Immunohistochemistry staining of AGR3 with Mouse monoclonal AGR3.1 in Paraffin-Embedded Sections of breast carcinoma.