

30-1391: Anti-AGR3 Monoclonal Antibody (Clone:AGR3.1)

Clonality :	Monoclonal
Clone Name :	AGR3.1
Application :	WB, IHC, IHC-Fr, ICC
Reactivity :	Human
Gene :	AGR3
Gene ID :	155465
Uniprot ID :	Q8TD06
Format :	Purified
Alternative Name :	AGR3,BCMP11,PDIA18,UNQ642/PRO1272
Isotype :	Mouse IgG1
Immunogen Information :	Purified human AGR3 protein

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Western Blotting *Recommended dilution:* 1 Åµg/ml

Positive control: T47D breast cancer cell line

Negative control: H1299 lung carcinoma cell line

Immunohistochemistry *Recommended dilution:* 1 Åµg/ml

Positive tissue: breast cancer

Immunohistochemistry (frozen sections) *Recommended dilution:* 1 Åµg/ml

Positive tissue: breast cancer

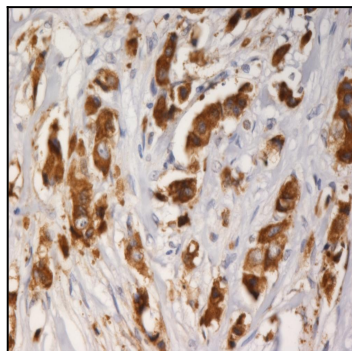


Figure 1: Immunohistochemistry staining of AGR3 with mouse monoclonal AGR3.1 in paraffin-embedded sections of breast carcinoma.

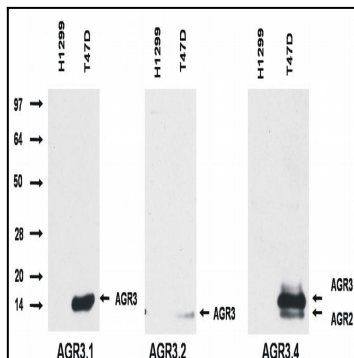


Figure 2: Western blotting analysis of AGR3 protein by AGR3.1 and AGR3.2 antibody, and of AGR3 and AGR2 protein by AGR3.4 antibody in T47D breast cancer cell line compared to H1229 lung carcinoma cell line.