

Datasheet for ABIN343711

anti-AGR3 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	AGR3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AGR3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified human AGR3 protein
Clone:	AGR3-1
Isotype:	IgG1
Specificity:	The antibody AGR3.1 recognizes the epitope HETTDKNLS within the AGR3 (AG3) protein (19-20 kDa), a secreted cytoplasmic protein which can serve as a marker of carcinogenesis.
Cross-Reactivity (Details):	Human, Other species Not tested
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

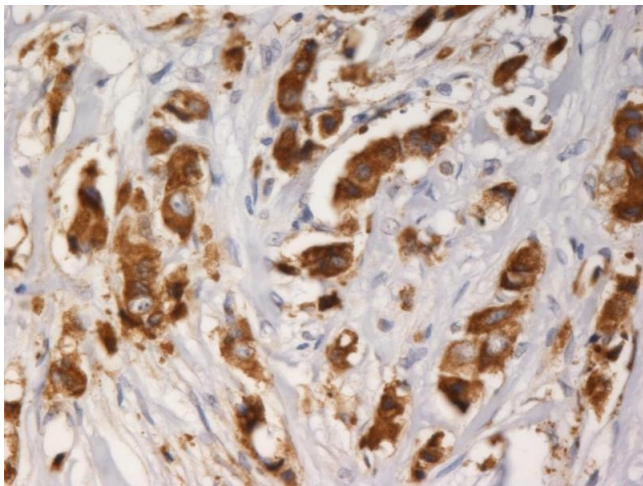
Target:	AGR3
Alternative Name:	AGR3 (AGR3 Products)
Background:	Anterior gradient 3, protein disulphide isomerase, AGR3 (Anterior Gradient 3) protein, also known as AG3 (hAG-3, HAG3 in human), or BCMP11, is a secreted cytoplasmic protein which is involved in metastasis induction and p53 tumour suppressor 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., AG3, HAG3
Gene ID:	155465
UniProt:	Q8TD06

Application Details

Application Notes:	<p>Immunohistochemistry (paraffin sections): Recommended dilution: 1 µg/mL, positive tissue: breast cancer.</p> <p>Immunohistochemistry (frozen sections): Recommended dilution: 1 µg/mL, positive tissue: breast cancer.</p> <p>Western blotting: Recommended dilution: 1 µg/mL, positive control: T47D breast cancer cell line, negative control: H1299 lung carcinoma cell line.</p> <p>Immunocytochemistry: Recommended dilution: 1 µg/mL, positive control: T47D breast cancer cell line, negative control: H1299 lung carcinoma cell line.</p>
Restrictions:	For Research Use only

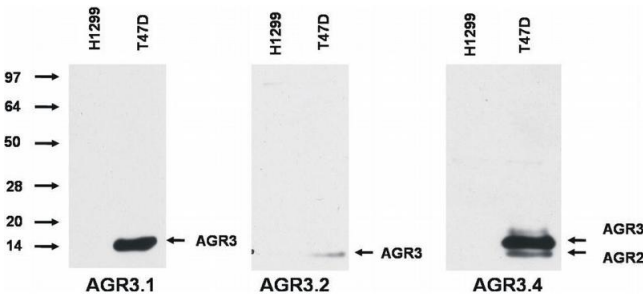
Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



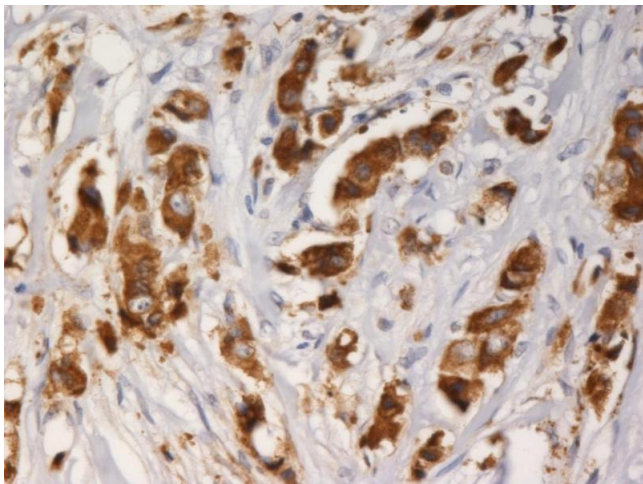
Immunohistochemistry (Paraffin-embedded Sections)

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



Western Blotting

Image 2. Western blotting analysis of AGR3 protein by 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

Image 3. Immunohistochemistry staining of AGR3 with mouse monoclonal AGR3.1 in paraffin-embedded sections of breast carcinoma.