

Datasheet for ABIN614770

anti-AGR3 antibody**2** 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)), Immunofluorescence (IF)

Product Details

Immunogen:	Purified human AGR3 protein
Clone:	AGR3-4
Isotype:	IgG1
Specificity:	This antibody recognizes the PLMII epitope of AGR3 (AG3) and AGR2 (AG2) proteins (19-20 kDa), secreted cytoplasmic proteins which can serve as markers of carcinogenesis.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein-A affinity chromatography
Purity:	> 95 % pure by SDS-PAGE

Target Details

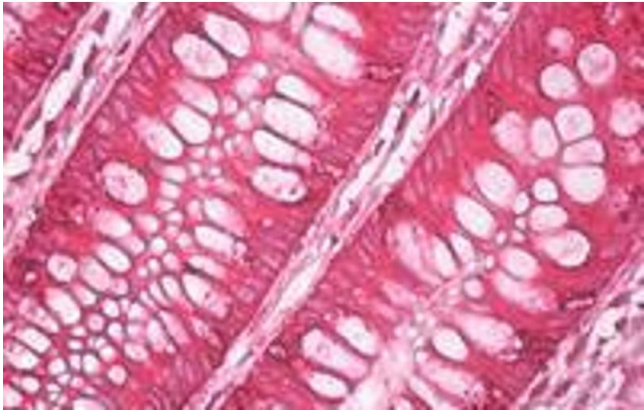
Target:	AGR3
Alternative Name:	AGR3 (AGR3 Products)
Background:	AGR2 (Anterior Gradient 2), also known as AG2 (hAG-2, HAG2 in human), or GOB-4, and AGR3 (Anterior Gradient 3), also known as AG3 (hAG-3, HAG3 in human), or BCMP11, are secreted cytoplasmic proteins which are involved in metastasis induction and p53 tumour supressor inhibition. They may serve as molecular markers and potential therapeutic targets for hormone-responsive breast tumours, AGR2 was reported also as a marker of other carcinomas. Xenopus homolog of these proteins is associated with anteroposterior fate determination during early development.Synonyms: AG2, Anterior gradient protein 2 homolog, Anterior gradient protein 3 homolog, BCMP11, HAG-3, HAG3, HPC8, breast cancer membrane protein 11
Gene ID:	155465, 9606
UniProt:	Q8TD06

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

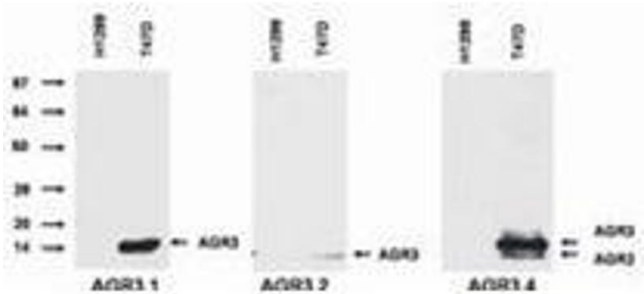
Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2 % (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry

Image 1.



Western Blotting

Image 2.