

AGR2 Polyclonal Antibody

Catalog NumberPA5-22964

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Bovine, Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:300
Type	Antibody	Western Blot (WB)	1 µg/mL
Immunogen	Synthetic peptide made to an N-terminal portion of the mouse protein (within residues 1-50).	Immunocytochemistry (ICC/IF)	1:100
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS with 30% glycerol		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

**Background/Target Information**

AGR2 (anterior gradient protein 2) and AGR3 are members of the anterior gradient homolog family. They are secreted cytoplasmic proteins which are involved in metastasis induction and p53 tumour suppressor inhibition. They may serve as molecular markers and potential therapeutic targets for hormone-responsive breast tumours. AGR2 is ubiquitously expressed with upregulated expression in prostate cancer, breast cancer, lung cancer, renal carcinomas and endometrial carcinomas. AGR2 expression is positively correlated with that of the estrogen receptor (ER) and is negatively correlated with that of the epidermal growth factor receptor (EGFR).

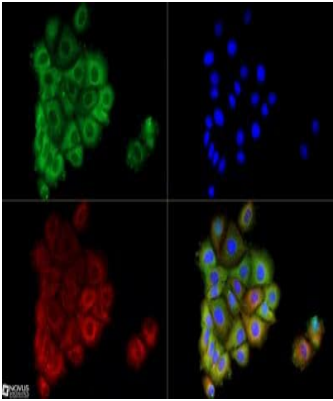
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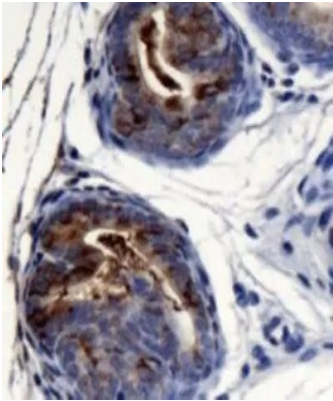
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Product Images For AGR2 Polyclonal Antibody



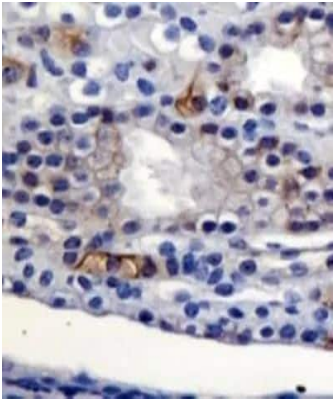
AGR2 Antibody (PA5-22964) in ICC/IF

Immunocytochemistry analysis of AGR2 in MCF7 cells. Samples were incubated in AGR2 polyclonal antibody (Product # PA5-22964) followed by DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red).



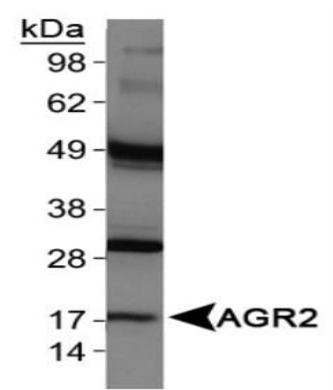
AGR2 Antibody (PA5-22964) in IHC (P)

Immunohistochemical analysis of AGR2 in mouse prostate. Samples were incubated in AGR2 polyclonal antibody (Product # PA5-22964).



AGR2 Antibody (PA5-22964) in IHC (P)

Immunohistochemical analysis of AGR2 in mouse kidney. Samples were incubated in AGR2 polyclonal antibody (Product # PA5-22964).



AGR2 Antibody (PA5-22964) in WB

Western blot analysis of AGR2 in human stomach lysate. Sample was incubated in AGR2 polyclonal antibody (Product # PA5-22964).

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