

Nur für Forschungszwecke

AGR2 Polyklonaler Antikörper

Katalog-Nr.:12275-1-AP

Vorgestelltes Produkt

13 Publikationen



Allgemeine Informationen

Katalog-Nr.: 12275-1-AP	GenBank-Zugangsnummer: BC015503	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 10551	Empfohlene Verdünnungen: WB 1:500-1:2000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: anterior gradient homolog 2 (Xenopus laevis)	
Isotyp: IgG	Berechnete Masse: 175 aa, 20 kDa	
Immunogen Katalognummer: AG2919	Beobachtete Masse: 17-20 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB: A549-Zellen, Maus-Magengewebe, Ratten-Kolongewebe, Ratten-Magengewebe

IP: A549-Zellen,

IHC: humanes Mammakarzinomgewebe, humanes Kolongewebe

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

AGR2, also named AG2 or HPC8, encodes anterior gradient protein 2 homolog which belongs to the AGR family. It is a secreted protein localized in endoplasmic reticulum. AGR2 plays roles in MUC2 post-transcriptional synthesis, secretion and production of mucus by intestinal cells. AGR2 was significantly elevated in the pancreatic juice from patients with pre-malignant conditions as well as pancreatic cancer compared to control pancreatic juice samples. AGR2 levels in pancreatic juice could potentially be used in assessment of high-risk patients undergoing endoscopic procedures.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Michael Herfs	24076771	Am J Surg Pathol	IHC
Ayumi Kanno	30290061	J Diabetes Investig	IF
Michael Herfs	24839092	Int J Cancer	IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

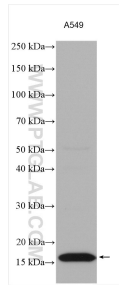
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

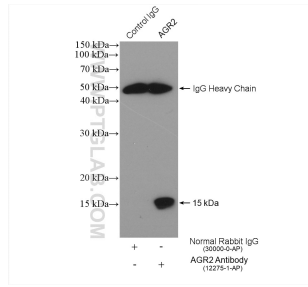
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

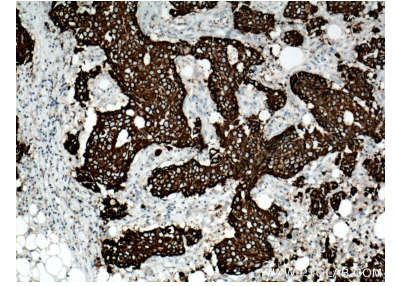
Ausgewählte Validierungsdaten



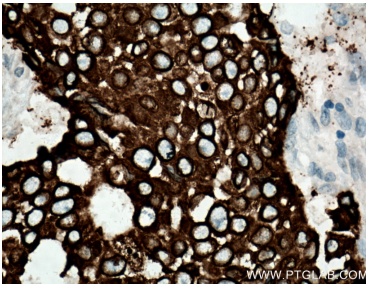
Various lysates were subjected to SDS PAGE followed by western blot with 12275-1-AP (AGR2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



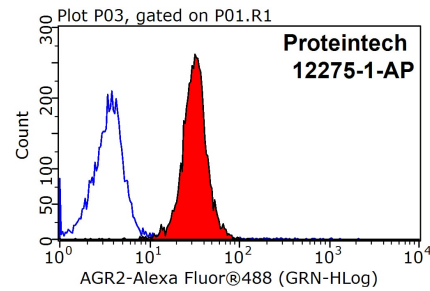
IP result of anti-AGR2(IP:12275-1-AP, 4ug; Detection:12275-1-AP 1:1000) with A549 cells lysate 1200 ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12275-1-AP (AGR2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12275-1-AP (AGR2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ MCF-7 cells were stained with 0.2ug AGR2 antibody (12275-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.