

AGR2 Polyclonal Antibody

Catalog No.	A2632	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	20kDa
Cross-reactivity	Human, Mouse	Calculated MW	19kDa

Immunogen Information

Immunogen	A synthetic peptide of human AGR2
Gene ID	10551
Swiss prot	O95994
Synonyms	AGR2; AG-2; AG2; GOB-4; HAG-2; HEL-S-116; HPC8 ; PDIA17; XAG-2; anterior gradient protein 2 homolog

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

Background

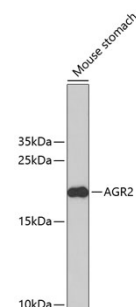
This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This protein plays a role in cell migration, cellular transformation and metastasis and is as a p53 inhibitor. As an ER-localized molecular chaperone, it plays a role in the folding, trafficking, and assembly of cysteine-rich transmembrane receptors and the cysteine-rich intestinal glycoprotein mucin. This gene has been implicated in inflammatory bowel disease and cancer progression.

Recommended Dilutions

WB 1:500 -
1:1000

IHC 1:20 -
1:50

IF 1:20 - 1:50



Western blot - AGR2 Polyclonal Antibody (A2632)