

CAB12411

Product Information

Product SKU:	CAB12411	Gene ID:	10551	Size:	20uL, 100uL
Clone No:	ARC0709	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	18kDa	Conjugate:	Unconjugated
Calculated MW:	20kDa	Isotype:	IgG

Immunogen Information

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 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 Dilution: WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200

Synonyms: AG2; AG-2; HPC8; GOB-4; HAG-2; RIFTD; XAG-2; PDIA17; HEL-S-116; AGR2

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1-100 of human AGR2 (O95994).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

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