

## ARG65015 anti-GGCX antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes GGCX
Tested Reactivity	Hu
Predict Reactivity	Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both isoforms (NP_000812.2; NP_001135741.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GGCX
Species	Human
Immunogen	C-PPESNPDPVHSE
Conjugation	Un-conjugated
Alternate Names	EC 4.1.1.90; Vitamin K gamma glutamyl carboxylase; Peptidyl-glutamate 4-carboxylase; Vitamin K-dependent gamma-carboxylase; Gamma-glutamyl carboxylase; VKCFD1

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
	WB	0.3 - 1 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 2677 Human](#)

[Swiss-port # P38435 Human](#)

Background

This gene encodes an enzyme which catalyzes the posttranslational modification of vitamin K-dependent protein. Many of these vitamin K-dependent proteins are involved in coagulation so the function of the encoded enzyme is essential for hemostasis. Mutations in this gene are associated with vitamin K-dependent coagulation defect and PXE-like disorder with multiple coagulation factor deficiency. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Nov 2008]

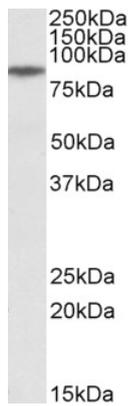
Research Area

Cell Biology and Cellular Response antibody

Calculated Mw

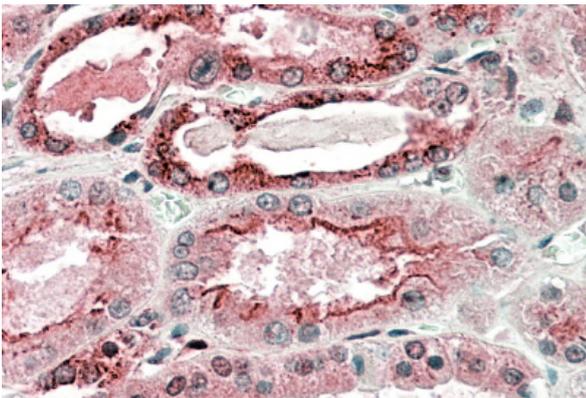
88 kDa

## Images



ARG65015 anti-GGCX antibody WB image

Western Blot: Human Muscle lysate (35 µg protein in RIPA buffer) stained with ARG65015 anti-GGCX antibody at 0.3 µg/ml dilution.



ARG65015 anti-GGCX antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Kidney. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG65015 anti-GGCX antibody at 5 µg/ml dilution followed by AP-staining.