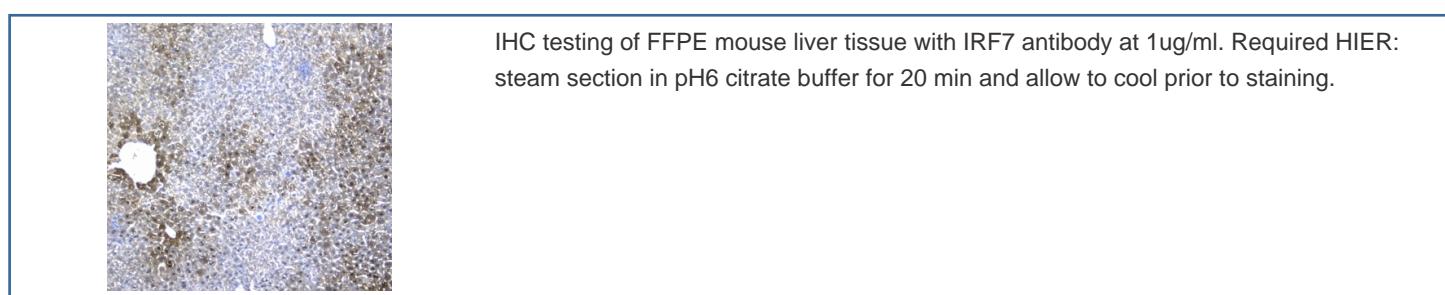
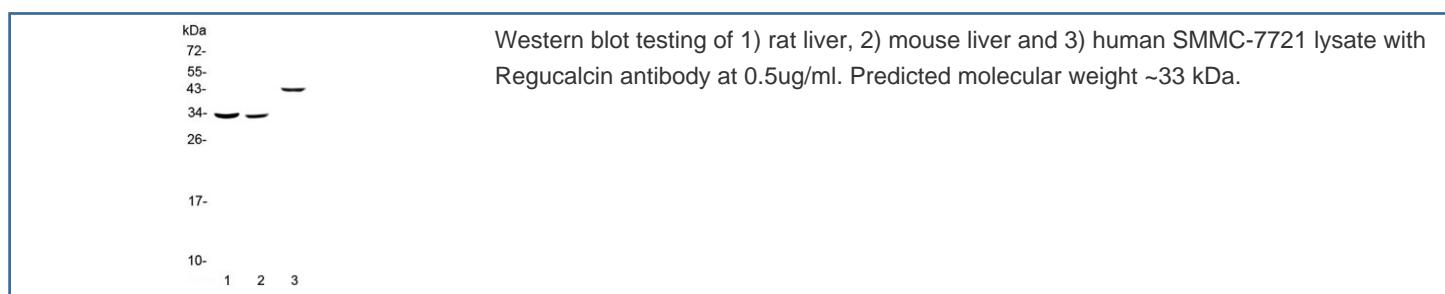


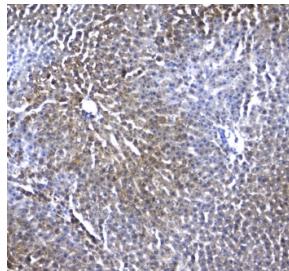
## Regucalcin Antibody (RQ4348)

Catalog No.	Formulation	Size
RQ4348	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

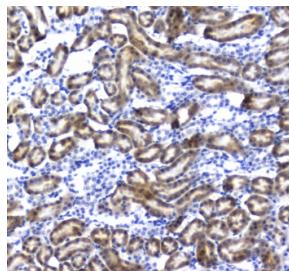
**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q15493
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml
<b>Limitations</b>	This Regucalcin antibody is available for research use only.





IHC testing of FFPE rat liver tissue with IRF7 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE rat kidney tissue with IRF7 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

Regucalcin is a protein that in humans is encoded by the RGN gene. The protein encoded by this gene is a highly conserved, calcium-binding protein, that is preferentially expressed in the liver and kidney. It may have an important role in calcium homeostasis. Studies in rat indicate that this protein may also play a role in aging, as it shows age-associated down-regulation. This gene is part of a gene cluster on chromosome Xp11.3-Xp11.23.

## Application Notes

Optimal dilution of the Regucalcin antibody should be determined by the researcher.

## Immunogen

Amino acids YSVDAFDYDLQTGQISNRRSVYKLEKEEQIPD were used as the immunogen for the Regucalcin antibody.

## Storage

After reconstitution, the Regucalcin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.