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# Datasheet for ABIN655055 anti-GAL antibody (AA 48-79)

3 Images



### Overview

Quantity:	400 µL
Target:	GAL
Binding Specificity:	AA 48-79
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAL antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

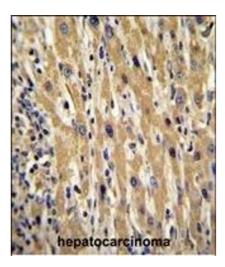
## Product Details

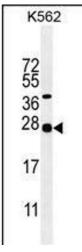
Immunogen:	This GAL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-79 amino acids from the Central region of human GAL.
Clone:	RB15036
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

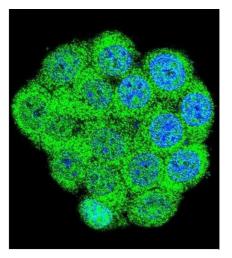
Target:	GAL
Alternative Name:	GAL (GAL Products)

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Target Details	
Background:	Galanin is small neuropeptide that functions as a cellular messenger within the central and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008 [PubMed 18500643]).
Molecular Weight:	13302
NCBI Accession:	NP_057057
UniProt:	P22466
Pathways:	Hormone Transport, Regulation of Hormone Metabolic Process, Feeding Behaviour
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months







#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** GAL Antibody (Center) (ABIN655055 and ABIN2844684) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GAL Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

#### Western Blotting

**Image 2.** GAL Antibody (Center) (ABIN655055 and ABIN2844684) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the GAL antibody detected the GAL protein (arrow).

#### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of GAL Antibody (Center) (ABIN655055 and ABIN2844684) with 293 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

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