

IHC*easy* NR113 Ready-To-Use IHC Kit

Catalog Number: **KHC1744**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

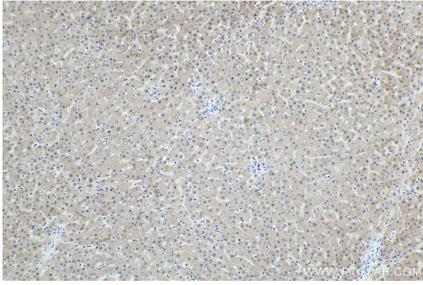
Background

The nuclear hormone receptor superfamily is a large group of related transcription factors which includes members that bind a diverse array of ligands, including steroids, retinoic acid, thyroid hormone, and vitamin D. Nuclear hormone receptors contain a DNA-binding domain (DBD) and a ligand-binding domain. Nuclear receptor subfamily 1 group I member 3 (NR113; CAR), binds and transactivates the retinoic acid response elements that control expression of the retinoic acid receptor beta 2 and alcohol dehydrogenase 3 genes. It is expressed primarily in liver and regulates the expression of genes involved in xenobiotic metabolism as well as hormone, energy, and lipid homeostasis.

Synonyms

CAR, CAR BETA, CAR1, Constitutive active response, MB67, NR113, Orphan nuclear receptor MB67

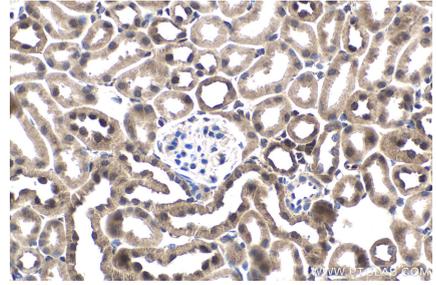
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC1744 (NR1I3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1744 (NR1I3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1744 (NR1I3 IHC Kit).