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For Research Use Only

IHC*easy* DHRS3 Ready-To-Use IHC Kit

Catalog Number: KHC2140

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

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

DHRS3(Short-chain dehydrogenase/reductase 3) is also named as retSDR1,DD83.1 and belongs to the short-chain dehydrogenases/reductases (SDR) family. It catalyzes the reduction of all-trans-retinal to all-trans-retinol in the presence of NADPH. It is detected high levels of expression in fetal kidney, liver, and lung and in adult heart, placenta, lung, liver, kidney, pancreas, thyroid, testis, stomach, trachea, spinal cord and lower levels in skeletal muscle, intestine, and lymph node. retSDR1 is barely detectable in adrenals, brain, thymus, and hematopoietic tissues. retSDR1 may play a more general role in retinol metabolism since its expression was observed in many fetal and adult tissues.

Synonyms

DD83.1, DHRS3, RDH17, retSDR1, Rsdr1, SDR1, SDR16C1

For technical support and original validation data for this product please contact:
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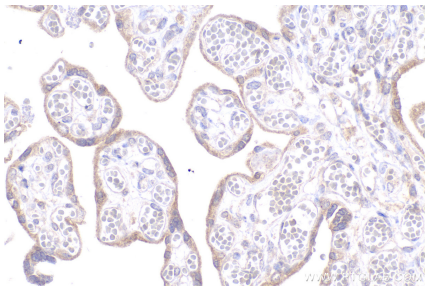
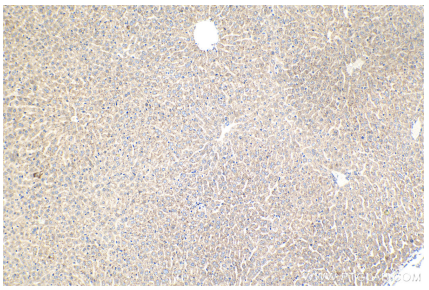
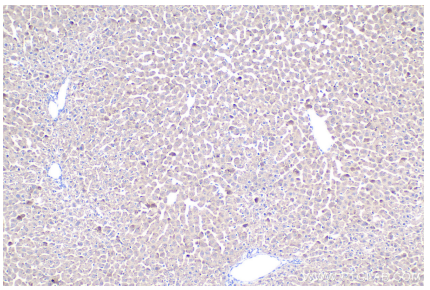
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2140 (DHRS3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC2140 (DHRS3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC2140 (DHRS3 IHC Kit).