

IHCeasy[®] TXNRD3 Ready-To-Use IHC Kit

Catalog Number: **KHC3283**

General Information

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

TXNRD3, also named as TGR and TRXR3, belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family. TXNRD3 displays thioredoxin reductase, glutaredoxin and glutathione reductase activities. TXNRD3 catalyzes the reaction: Thioredoxin + NADP⁺ = thioredoxin disulfide + NADPH. TXNRD3 promotes disulfide bond formation between GPX4 and various sperm proteins and may play a role in sperm maturation by promoting formation of sperm structural components.

Synonyms

TGR, thioredoxin reductase 3, Thioredoxin reductase TR2, TR2, TRXR3

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