

IHCeasy[®] PPP2R2B Ready-To-Use IHC Kit

Catalog Number: **KHC3246**

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.

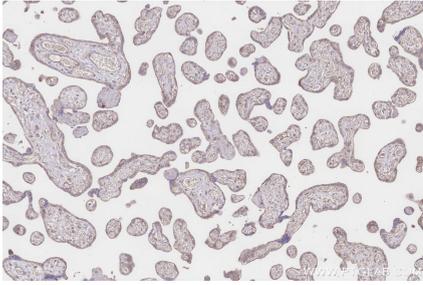
Background

The PPP2R2B gene encodes a deduced 443-amino acid protein, which is a brain-specific regulatory subunit B of protein phosphatase 2. PPP2R2B is a Subunit of PP2A, a highly conserved constitutive enzyme. PPP2R2B (B β) is an important regulator of protein phosphatase 2A (PP2A) activity in the brain. Through differential promoter usage and alternative splicing, two major isoforms B β 1 and B β 2 with divergent sub-cellular targeting N termini are produced. B β plays an important role in neuronal survival. It has 5 isoforms produced by alternative splicing. Primary antibody in this kit has cross-reactivity to PPP2R2A, PPP2R2C and PPP2R2D.

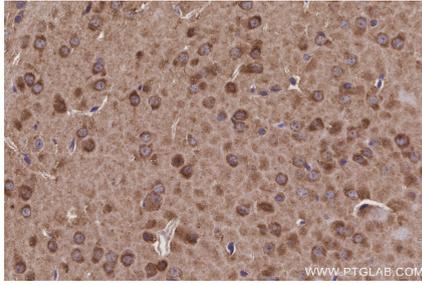
Synonyms

B55 BETA, B55 β , PP2A B55BETA, PP2A PR55B, PP2A subunit B isoform B55-beta

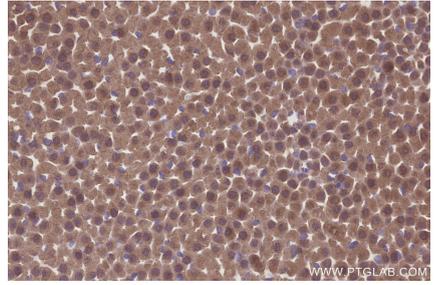
Selected Validation Data



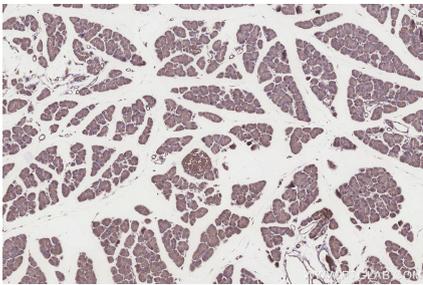
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3246 (PPP2R2B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC3246 (PPP2R2B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using KHC3246 (PPP2R2B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue slide using KHC3246 (PPP2R2B IHC Kit).