

IHCeasy[®] STEAP2 Ready-To-Use IHC Kit

Catalog Number: **KHC3300**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Recombinant

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.

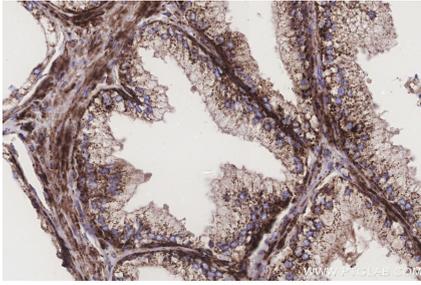
Background

STEAP2, also named as PCANAP1 and STAMP1, belongs to the STEAP family. It is a metalloreductase that has the ability to reduce both Fe³⁺ to Fe²⁺ and Cu²⁺ to Cu¹⁺. STEAP2 uses NAD⁺ as acceptor.

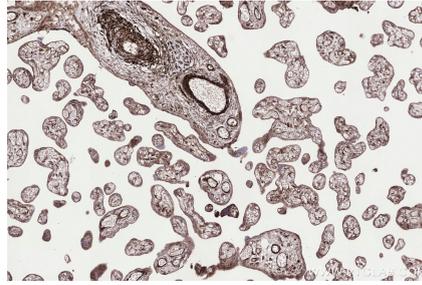
Synonyms

EC:1.16.1.-, Metalloreductase STEAP2, PCANAP1, Prostate cancer-associated protein 1, Protein up-regulated in metastatic prostate cancer

Selected Validation Data



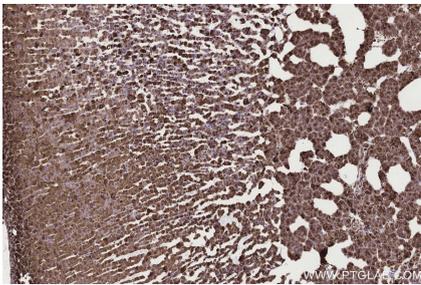
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC3300 (STEAP2 IHC Kit).



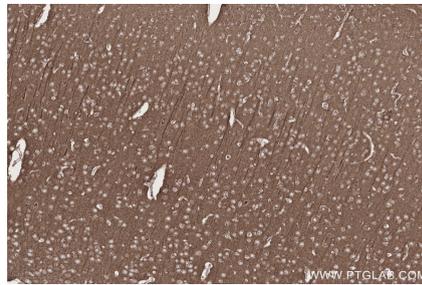
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3300 (STEAP2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using KHC3300 (STEAP2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat adrenal gland tissue slide using KHC3300 (STEAP2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC3300 (STEAP2 IHC Kit).