

CPTC-FOXC2-1 (CAB080324)

Uniprot ID: [Q99958](#)

Protein name: FOXC2_HUMAN

Full name: Forkhead box protein C2

Function: Transcriptional activator. Might be involved in the formation of special mesenchymal tissues.

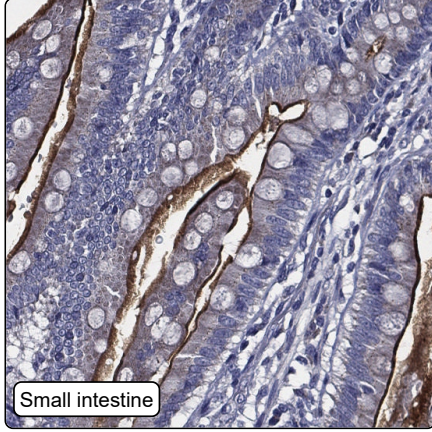
Subcellular location:

Nucleus (*match to sequence model, experimental evidence*)

Protein existence: Experimental evidence at protein level

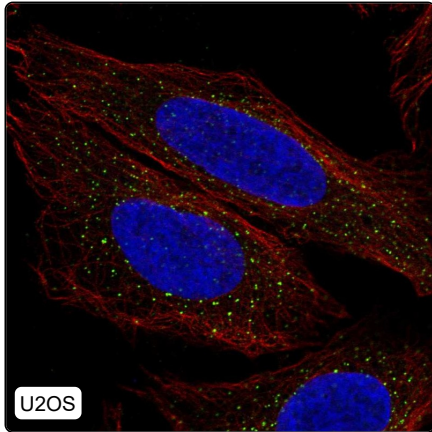
Comment:

Immunohistochemistry



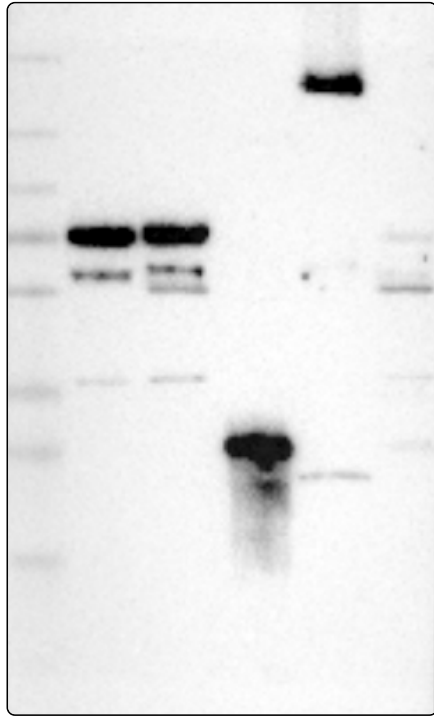
IHC protocol:	HIER pH6, Dilution 1:500
IHC test staining:	Membranous positivity in GI.
Literature conformance:	Not consistent with gene/protein characterization data
Literature significance:	
RNA similarity:	Very low consistency between antibody staining and RNA expression data
RNA tissue specificity:	Tissue enhanced (heart muscle)
RNA tissue distribution:	Detected in many
IHC Sibling similarity:	

Immunofluorescence



IF Overlay:	antibody (green), anti-tubulin (red) and DAPI (blue)
IF main location:	Vesicles - 12: Uncertain (auto)
IF additional location:	
IF approved for publication on HPA:	No
IF in THP-1:	Vesicles
IF in U2OS:	Vesicles

Western blot



WB Size markers (kDa):	250, 130, 100, 70, 55, 35, 25, 15, 10
WB Lanes:	Marker (1), RT-4 (2), U-251MG (3), Plasma (4), Liver (5), Tonsil (6)
WB Target weight (kDa):	54
WB Validation:	Uncertain (Weak band of predicted size but with additional bands of higher intensity also present.)