10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-FX Antibody

Rabbit polyclonal antibody to FX
Catalog # AP60413

Product Information

Application	WB, IHC
Primary Accession	Q13630
Other Accession	P23591
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35893

Additional Information

Gene ID	7264
Other Names	SDR4E1; GDP-L-fucose synthase; GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase; Protein FX; Red cell NADP(H)-binding protein; Short-chain dehydrogenase/reductase family 4E member 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FX. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

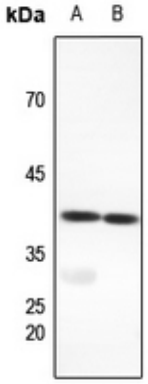
Name	GFUS (HGNC:12390)
Synonyms	SDR4E1, TSTA3
Function	Catalyzes the two-step NADP-dependent conversion of GDP-4-dehydro-6-deoxy-D-mannose to GDP-fucose, involving an epimerase and a reductase reaction.

Background

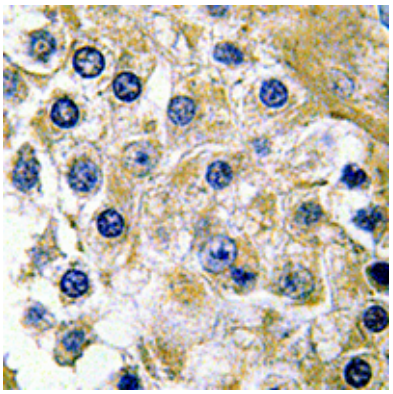
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FX. The

exact sequence is proprietary.

Images



Western blot analysis of FX expression in mouse muscle (A), rat muscle (B) whole cell lysates.



Immunohistochemical analysis of FX staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.