

FOXC2 Recombinant Polyclonal Antibody (7HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	7HCLC
Conjugate	Unconjugated
Immunogen	Peptides corresponding to human FOXC2 [1) aa479-aa497 2) aa171-aa186]
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2810206

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	-
ChIP assay (ChIP)	2 µg/million cells	-

Product Specific Information

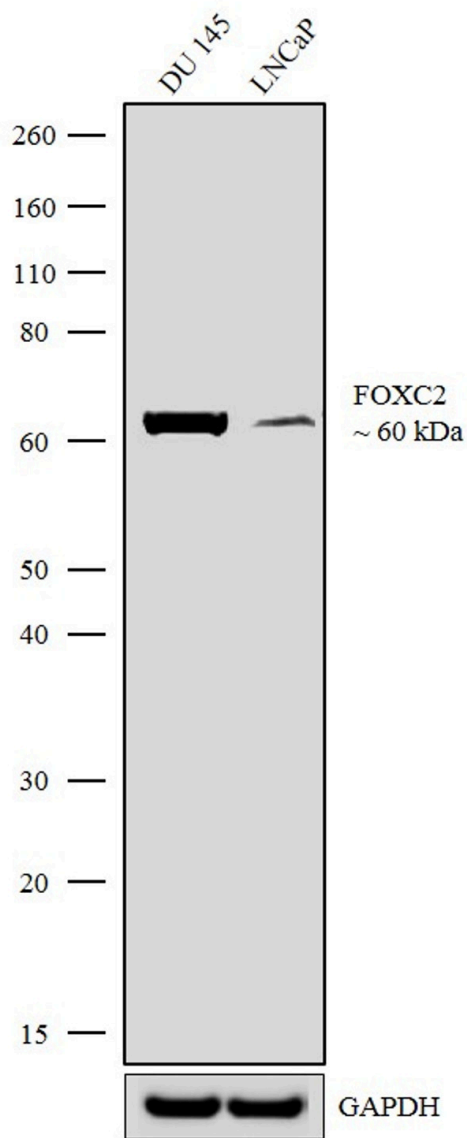
This antibody is predicted to react with Monkey, Horse, Pig, Bovine.

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For FOXC2 Recombinant Polyclonal Antibody (7HCLC)

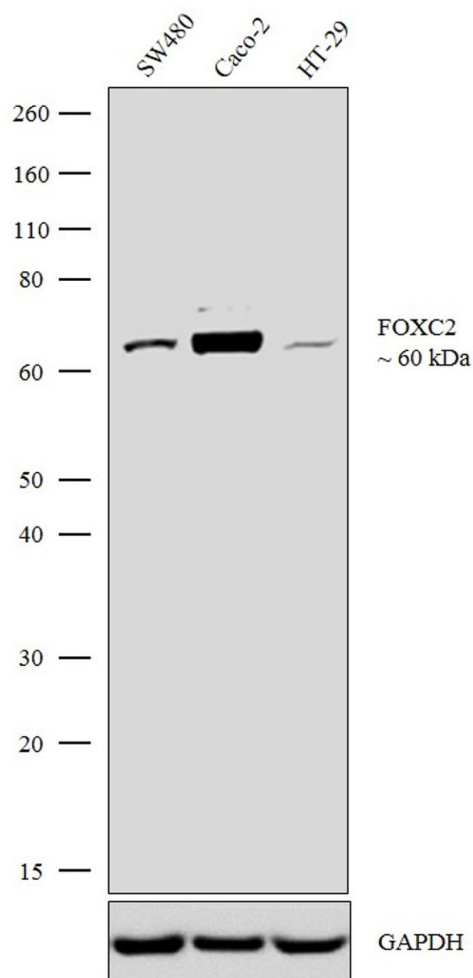
FOXC2 Antibody (712371)

Antibody specificity was demonstrated by the detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Expression of FOXC2 protein was higher in the prostate cancer cell line DU 145 in comparison to LNCaP tested using Anti-FOXC2 Recombinant Rabbit Polyclonal Antibody (Product # 712371) in Western blot. {RE}



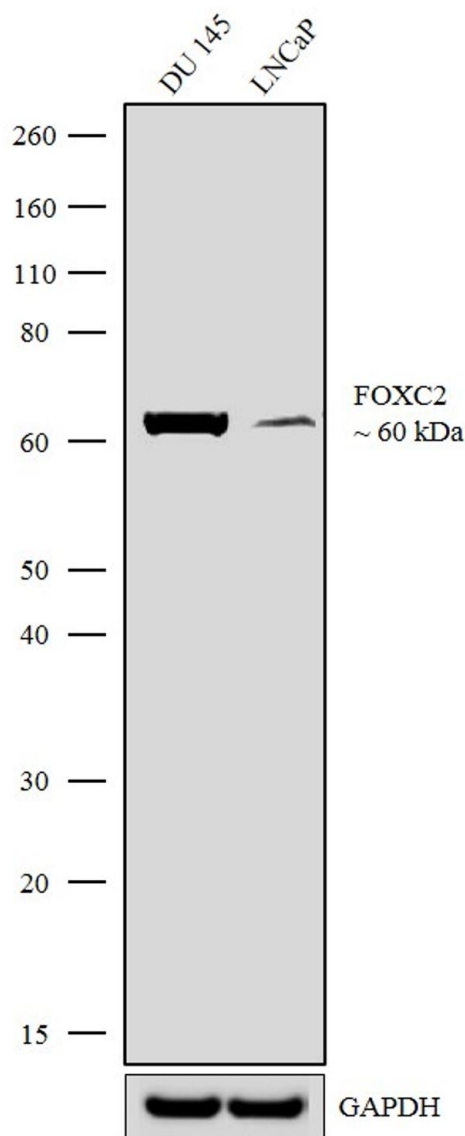
FOXC2 Antibody (712371) in WB

Western blot analysis was performed on modified whole cell extracts (1% SDS) (30 µg lysate) of SW480 (Lane 1), Caco-2 (Lane 2) and HT-29 (Lane 3). The blot was probed with Anti-FOXC2 Recombinant Rabbit Polyclonal Antibody (Product # 712371, 1:500 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution). A ~60 kDa band corresponding to FOXC2 was observed across the cell lines tested.



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