

POU3F4 Recombinant Polyclonal Antibody (12HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	12HCLC
Conjugate	Unconjugated
Immunogen	Protein corresponding to human POU3F4 [aa1-aa183]
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_2734826

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200	1 Publication

Product Specific Information

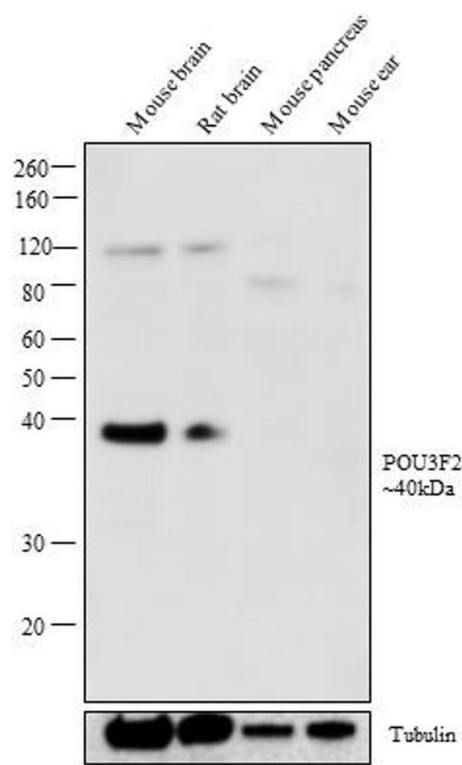
This antibody is predicted to react with Monkey, Horse,Human.

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 POU3F4 Recombinant Polyclonal Antibody (12HCLC)

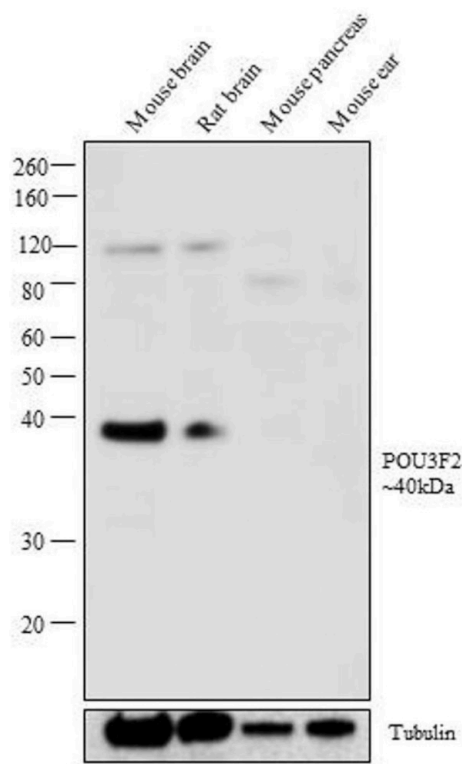
POU3F4 Antibody (711871) in WB

Western blot analysis was performed on tissue extracts (30 µg lysate) of Mouse Brain (Lane 1), Rat Brain (Lane 2), Mouse Pancreas (Lane 3) and Mouse Ear (Lane 4). The blot was probed with Anti-POU3F4 Recombinant Rabbit Polyclonal Antibody (Product # 711871, 1:200 dilution). A ~40 kDa band corresponding to POU3F4 was observed across the relevant tissues in which the protein is expressed.



POU3F4 Antibody (711871)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissue models owing to their inherent genetic constitution. Expression of POU3F4 was observed specifically in Mouse Brain and Rat Brain in comparison to Mouse Pancreas and Mouse Ear using Anti-POU3F4 Recombinant Rabbit Polyclonal Antibody (Product # 711871) in Western blot. {RE}



Western Blot (1)

Frontiers in molecular neuroscience

Novel POU3F4 variants identified in patients with inner ear malformations exhibit aberrant cellular distribution and lack of *SLC6A20* transcriptional upregulation.

Year
2022

"Published figure using POU3F4 recombinant polyclonal antibody (Product # 711871) in Western Blot"

Authors: Bernardinelli E,Roesch S,Simoni E,Marino A,Rasp G,Astolfi L,Sarikas A,Dossena S

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