

Datasheet for ABIN2780610
anti-POU4F2 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	POU4F2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU4F2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human POU4F2
Sequence:	MMMSLSNSKQ AFSMPHGGSL HVEPKYSALH STSPGSSAPI APSASSPSSS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against POU4F2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	POU4F2
---------	--------

Target Details

Alternative Name:	POU4F2 (POU4F2 Products)
Background:	<p>POU4F2 is a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. A class IV POU-domain protein, POU4F2 is found in human retina exclusively within a subpopulation of ganglion cells where it may play a role in determining or maintaining the identities of a small subset of visual system neurons. POU4F2 is a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. A class IV POU-domain protein, POU4F2 is found in human retina exclusively within a subpopulation of ganglion cells where it may play a role in determining or maintaining the identities of a small subset of visual system neurons.[supplied by OMIM].</p> <p>Alias Symbols: BRN3.2, BRN3B, Brn-3b</p> <p>Protein Interaction Partner: ESR1,</p> <p>Protein Size: 410</p>
Molecular Weight:	43 kDa
Gene ID:	5458
NCBI Accession:	NM_004575 , NP_004566
UniProt:	Q12837
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Sensory Perception of Sound

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 410 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Libby, Bales, Orlicky, McManaman: "Perilipin-2 Deletion Impairs Hepatic Lipid Accumulation by Interfering with Sterol Regulatory Element-binding Protein (SREBP) Activation and Altering the Hepatic Lipidome." in: The Journal of biological chemistry , Vol. 291, Issue 46, pp. 24231-24246 , (2016) (PubMed).
-------------------	---

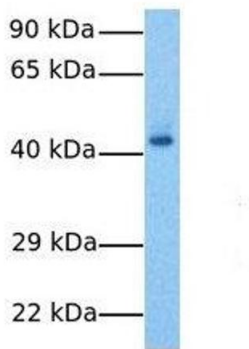
Images



Western Blotting

Image 1. WB Suggested Anti-POU4F2 Antibody Titration:
0.2-1 ug/ml Positive Control: HepG2 cell lysate

POU4F2



Western Blotting

Image 2. Host: Rabbit Target Name: POU4F2 Sample
Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml