

Datasheet for ABIN2780756
anti-POU4F1 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	POU4F1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Guinea Pig, Rabbit, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU4F1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human POU4F1
Sequence:	LEAYFAVQPR PSSEKIAAIA EKLDLKKNVV RVWFCNQRQK QKRMKFSATY
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against POU4F1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	POU4F1
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Target Details

Alternative Name:	POU4F1 (POU4F1 Products)
Background:	<p>POU4F1 is a class IV POU domain-containing transcription factor highly expressed in the developing sensory nervous system and in cells of the B- and T-lymphocytic lineages. BRN3A (POU4F1) is a class IV POU domain-containing transcription factor highly expressed in the developing sensory nervous system and in cells of the B- and T-lymphocytic lineages (Gerrero et al., 1993). [supplied by OMIM].</p> <p>Alias Symbols: BRN3A, RDC-1, Oct-T1</p> <p>Protein Interaction Partner: RIT2, EWSR1, ESR1,</p> <p>Protein Size: 420</p>
Molecular Weight:	43 kDa
Gene ID:	5457
NCBI Accession:	NM_006237 , NP_006228
UniProt:	Q01851
Pathways:	Feeding Behaviour

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 420 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
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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-POU4F1 Antibody Titration:
1.25ug/ml Positive Control: HepG2 cell lysate

Western Blotting

Image 2. Host: Rabbit Target Name: POU4F1 Sample
Tissue: Human Fetal Lung Antibody Dilution: 1.0ug/ml