

Datasheet for ABIN1108700
anti-POU1F1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	POU1F1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for anti-POU1F1 antibody: synthetic peptide directed towards the N terminal of human POU1F1
Sequence:	TPCLYKFPDH TLSHGFPPIH QPLLAEDPTA ADFKQELRRK SKLVEEPIDM
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat, Bovine, Pig, Dog, ChickenSpecies reactivity (tested):Human
Purification:	Protein A affinity column

Target Details

Target:	POU1F1
Alternative Name:	POU1F1 (POU1F1 Products)
Background:	PIT1 is a pituitary-specific transcription factor responsible for pituitary development and hormone expression in mammals and is a member of the POU family of transcription factors

Target Details

that regulate mammalian development. The POU family is so named because the first 3 members identified were PIT1 and OCT1 of mammals, and Unc-86 of *C. elegans*. PIT1 contains 2 protein domains, termed POU-specific and POU-homeo, which are both necessary for high affinity DNA binding on genes encoding growth hormone and prolactin. PIT1 is also important for regulation of the genes encoding prolactin and thyroid-stimulating hormone beta subunit by thyrotropin-releasing hormone and cyclic AMP. Synonyms: GHF-1, GHF1, Growth hormone factor 1, PIT-1, PIT1, Pituitary-specific positive transcription factor 1

Gene ID: 5449

NCBI Accession: [NP_000297](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

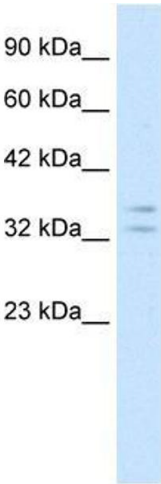
Reconstitution: Add 100 µL of distilled water

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the lyophilised antibody at -20 °C for up to one year. Store reconstituted antibody undiluted for one month or in aliquots at -20 °C long term

Expiry Date: 12 months



Western Blotting

Image 1. Human Jurkat; WB Suggested Anti-POU1F1 Antibody Titration: 1.0ug/ml. ELISA Titer: 1:312500. Positive Control: Jurkat cell lysate; POU1F1 antibody - N-terminal region in Human Jurkat cells using Western Blot