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Datasheet for ABIN5539750

**anti-POU4F2 antibody (Internal Region)**

## Overview

Quantity:	100 µg
Target:	POU4F2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This POU4F2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	POU4F2
Sequence:	HGLPSHMGCM SDVD
Isotype:	IgG
Specificity:	This antibody is not expected to cross-react to the similar POU4F3 (GeneID 5459)
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	POU4F2
Alternative Name:	POU4F2 ( <a href="#">POU4F2 Products</a> )
Background:	POU4F2, POU class 4 homeobox 2, BRN3.2, BRN3B, Brn-3b, Brn3b POU domain transcription factor, POU domain class 4 transcription factor 2, POU domain protein, POU domain, class 4, transcription factor 2
Gene ID:	5458
NCBI Accession:	<a href="#">NP_004566</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Sensory Perception of Sound</a>

## Application Details

Application Notes:	Western Blot: Approx. 35 kDa band observed in Human, Mouse and Rat Brain lysates (calculated MW of 43.1 kDa according to Human NP_004566.2, ). This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 1-3 µg/m Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.