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Datasheet for ABIN6992005 anti-POU2F3 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	POU2F3
Binding Specificity:	AA 370-420, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU2F3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	POU2F3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human POU2F3. The immunogen is located within amino acids 370 - 420 of POU2F3.
Isotype:	IgG
Specificity:	POU2F3 antibody is human, mouse and rat reactive. At least two isoforms are known to exist. This antibody will recognize both isoforms. POU2F3 antibody is predicted to not cross-react with other members of the POU domain class 2 family.
Purification:	POU2F3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	POU2F3
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Target Details

Alternative Name:	POU2F3 (POU2F3 Products)
Background:	POU2F3, also known as Epoc-1, is a member of a family of POU domain family of transcription factors (1). POU2F3 is expressed primarily in the epidermis and plays a critical role in keratinocyte proliferation and differentiation (1,2). It is a crucial transcription factor that is required for the development of sweet, umami, and bitter, but not sour taste receptor cells (3). POU2F3 is also a candidate tumor suppressor protein, and aberrant promoter methylation of this gene may play a role in cervical cancer (4).
Molecular Weight:	Predicted: 48 kDa Observed: 55 kDa
Gene ID:	25833
NCBI Accession:	NP_001231611
UniProt:	Q9UKI9

Application Details

Application Notes:	POU2F3 antibody can be used for detection of POU2F3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	POU2F3 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: POU2F3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.