

## Product datasheet for **TA349054**

### POU2F3 Rabbit Polyclonal Antibody

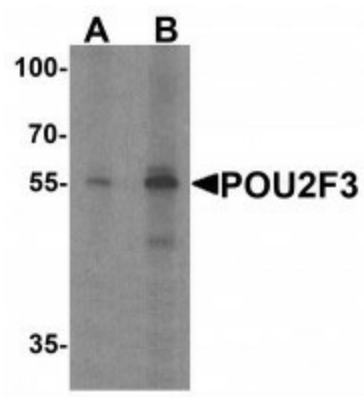
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	POU2F3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human POU2F3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	POU2F3 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 48 kDa; Observed: 55 kDa
Gene Name:	POU class 2 homeobox 3
Database Link:	<a href="#">NP_055167</a> <a href="#">Entrez Gene 18988 Mouse</a> <a href="#">Entrez Gene 116544 Rat</a> <a href="#">Entrez Gene 25833 Human</a> <a href="#">Q9UKI9</a>
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).
Synonyms:	Epoc-1; OCT-11; OCT11; OTF-11; PLA-1; PLA1; Skn-1a



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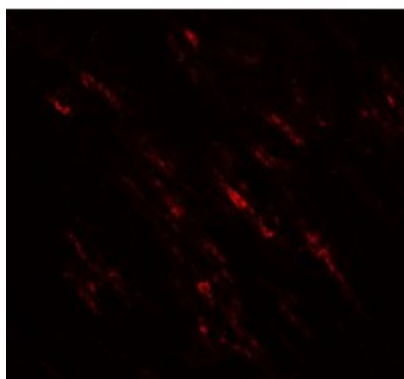
## Product images:



Western blot analysis of POU2F3 in SK-N-SH cell lysate with POU2F3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of POU2F3 in rat brain tissue with POU2F3 antibody at 5 ug/mL.



Immunofluorescence of POU2F3 in rat brain tissue with POU2F3 antibody at 20 ug/mL.