Datasheet for ABIN525219

# anti-POFUT1 antibody (AA 1-194)

3 Images | 1 Publication

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | POFUT1 |
| Binding Specificity: | AA 1-194 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This POFUT1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Purpose: | Rabbit polyclonal antibody raised against a full-length human POFUT1 protein. |
| Immunogen: | POFUT1 (NP_758436.1, 1 a.a. ~ 194 a.a) full-length human protein. |
| Sequence: | MGAAAWARPL SVSFLLLLLP LPGMPAGSWD PAGYLLYCPC MGRFGNQADH FLGSLAFAKL LNRTLAVPPW IEYQHHKPPF TNLHVSYQKY FKLEPLQAYH RVISLEDFME KLAPTHWPPE KRVAYCFEVA AQRSPDKKTC PMKEGNPFGP FWDQFHVSFN KSELFTGISF SASYREQWSQ RRENHSCVTL LFPR |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Antibody reactive against mammalian transfected lysate. |

## Target Details

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|---|---|
| Target: | POFUT1 |

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## Target Details

| | |
|---|---|
| Alternative Name: | POFUT1 (POFUT1 Products) |
| Background: | Full Gene Name: protein O-fucosyltransferase 1<br>Synonyms: FUT12,KIAA0180,MGC2482,O-FUT,O-Fuc-T,O-FucT-1 |
| Gene ID: | 23509 |
| NCBI Accession: | NM_172236 |
| Pathways: | Notch Signaling, SARS-CoV-2 Protein Interactome |

## Application Details

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|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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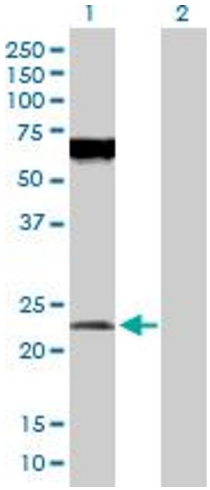
|---|---|
| Buffer: | In 1x PBS, pH 7.4 |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Publications

| | |
|---|---|
| Product cited in: | Annani-Akollor, Wang, Fan, Liu, Padhiar, Zhang: "Downregulated protein O-fucosyl transferase 1 (Pofut1) expression exerts antiproliferative and antiadhesive effects on hepatocytes by inhibiting Notch signalling." in: **Biomedicine & pharmacotherapy**, Vol. 68, Issue 6, pp. 785-90, ( 2014) (PubMed). |

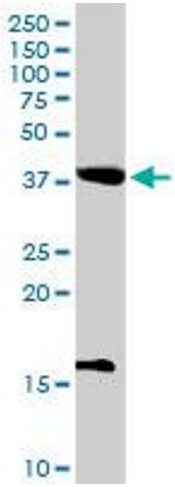



**Western Blotting**

**Image 1.** Western Blot analysis of POFUT1 expression in transfected 293T cell line by POFUT1 MaxPab polyclonal antibody.

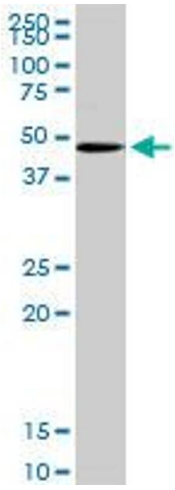
Lane 1: POFUT1 transfected lysate(22.30 KDa).

Lane 2: Non-transfected lysate.




**Western Blotting**

**Image 2.** POFUT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of POFUT1 expression in mouse kidney.




**Western Blotting**

**Image 3.** POFUT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of POFUT1 expression in HeLa.

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