

Datasheet for ABIN2778380  
**anti-KLF16 antibody (N-Term)**



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1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | KLF16                                |
| Binding Specificity: | N-Term                               |
| Reactivity:          | Human, Mouse, Pig, Rat               |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This KLF16 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human KLF16                                      |
| Sequence:             | AGPAAGLDVR AARREAASPG TPGPPPPPPA ASGP GPGAAA APHLLAASIL                                                                         |
| Predicted Reactivity: | Human: 100%, Mouse: 93%, Pig: 79%, Rat: 93%                                                                                     |
| Characteristics:      | This is a rabbit polyclonal antibody against KLF16. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified                                                                                                               |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | KLF16                                    |
| Alternative Name: | KLF16 ( <a href="#">KLF16 Products</a> ) |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | <p>KLF16 is a transcription factor that binds GC and GT boxes and displaces Sp1 and Sp3 from these sequences. KLF16 modulates dopaminergic transmission in the brain.</p> <p>Alias Symbols: BTEB4, DRRF, NSLP2</p> <p>Protein Interaction Partner: SUMO1, UBC, WASF2, SIN3A, SIN3B, EP300,</p> <p>Protein Size: 252</p> |
| Molecular Weight: | 25 kDa                                                                                                                                                                                                                                                                                                                  |
| Gene ID:          | 83855                                                                                                                                                                                                                                                                                                                   |
| NCBI Accession:   | <a href="#">NM_031918</a> , <a href="#">NP_114124</a>                                                                                                                                                                                                                                                                   |
| UniProt:          | <a href="#">Q9B XK1</a>                                                                                                                                                                                                                                                                                                 |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Antigen size: 252 AA                                               |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                  |
| Concentration:     | Lot specific                                                                                                                            |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| 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:   | Avoid repeated freeze-thaw cycles.                                                                                                      |
| Storage:           | -20 °C                                                                                                                                  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



Western Blotting

**Image 1.** WB Suggested Anti-KLF16 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Muscle