

Datasheet for ABIN2777956  
**anti-TULP1 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	TULP1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Horse, Dog, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TULP1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TULP1
Sequence:	EEEEAATVIK KSNQKGKAKG KGKKKAKEER APSPPVEVDE PREFVLRPAP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 91%, Horse: 100%, Human: 100%, Mouse: 85%, Rabbit: 100%, Rat: 91%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against TULP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	TULP1
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## Target Details

Alternative Name:	TULP1 ( <a href="#">TULP1 Products</a> )
Background:	<p>TULP1 is required for normal development of photoreceptor synapses. TULP1 is also required for normal photoreceptor function and for long-term survival of photoreceptor cells. TULP1 interacts with cytoskeleton proteins and may play a role in protein transport in photoreceptor cells. TULP1 binds lipids, especially phosphatidylinositol-3-phosphate, phosphatidylinositol-4-phosphate, phosphatidylinositol-5-phosphate, phosphatidylinositol-3,4-bisphosphate, phosphatidylinositol-4,5-bisphosphate, phosphatidylinositol-3,4,5-bisphosphate, phosphatidylserine and phosphatidic acid (in vitro). This gene encodes a member of the tubby-like gene family (TULPs). Members of this family have been identified in plants, vertebrates, and invertebrates and encode proteins of unknown function. TULP proteins share a conserved C-terminal region of approximately 200 amino acid residues. Mutations in this gene may be associated with retinitis pigmentosa. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: RP14, TUBL1, LCA15</p> <p>Protein Size: 542</p>
Molecular Weight:	60 kDa
Gene ID:	7287
NCBI Accession:	<a href="#">NM_003322</a> , <a href="#">NP_003313</a>
UniProt:	<a href="#">O00294</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 542 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 %

## Handling

	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.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-TULP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Small Intestine