

Datasheet for ABIN2788082
anti-SYT11 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SYT11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYT11 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 SYT11
Sequence:	AGLLSRDKDP RGPSSGSCID QLPIKMDYGE ELRSPITSLT PGESKTTSPS
Predicted Reactivity:	Guinea Pig: 86%, Human: 100%, Mouse: 79%
Characteristics:	This is a rabbit polyclonal antibody against SYT11. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SYT11
Alternative Name:	SYT11 (SYT11 Products)
Background:	This gene is a member of the synaptotagmin gene family and encodes a protein similar to other

Target Details

family members that are known calcium sensors and mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. The encoded protein is also a substrate for ubiquitin-E3-ligase parkin. The gene has previously been referred to as synaptotagmin XII but has been renamed synaptotagmin XI to be consistent with mouse and rat official nomenclature.

Alias Symbols: DKFZp781D015, KIAA0080, MGC10881, MGC17226, SYT12, sytXI

Protein Interaction Partner: UBC, SGTA, APPBP2, ATP13A2, SYNCRIP, PARK2,

Protein Size: 431

Molecular Weight: 48 kDa

Gene ID: 23208

NCBI Accession: [NM_152280](#), [NP_689493](#)

UniProt: [Q9BT88](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 431 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.

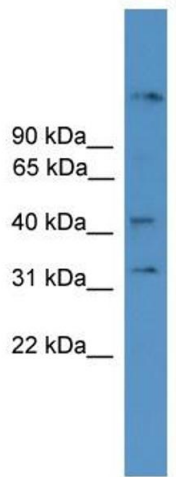
Preservative: Sodium azide

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.

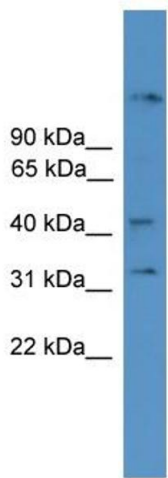
Storage: -20 °C

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-SYT11 Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: MCF7 cell lysate



Rabbit Anti-SYT11 Antibody
Catalog Number: ARP59473
Lot Number: QC30435
Lane: MCF7 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-SYT11
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500
Positive Control: MCF7 cell lysate