

Datasheet for ABIN783769
anti-PIWIL3 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	PIWIL3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIWIL3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid peptide near the amino terminus of human PIWI-L3
Specificity:	This antibody detects PIWIL3 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	PIWIL3
Alternative Name:	PIWIL3 (PIWIL3 Products)
Background:	PIWI-L3 is a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that are crucial for the biogenesis and function of

Target Details

small non-coding RNAs and play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. Recent studies have shown that overexpression of PIWI-L3 (as well as other PIWI-like proteins) are potential biomarkers for astrocytic glioma, meningioma, and other cancers. Synonyms: HIWI3, Piwi-like protein 3

Gene ID: 440822

NCBI Accession: [NP_001008496](#)

UniProt: [Q7Z3Z3](#)

Application Details

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

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

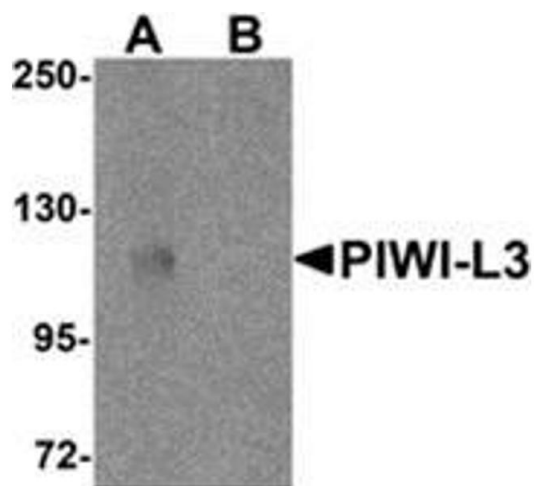
Preservative: Sodium azide

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 freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of PIWI-L3 in 3T3 cell lysate with PIWI-L3 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.