Datasheet for ABIN783494

anti-MEIG1 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	MEIG1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEIG1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	20 amino acid peptide near the carboxy terminal of human MEIG1
Specificity:	This antibody detects MEIG1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	MEIG1
Alternative Name:	MEIG1 (MEIG1 Products)
Background:	MEIG1, a murine gene first identified as a testis specific gene, is a chromosome/chromatin-binding protein initially expressed during meiosis but retained in the germ cell nucleus

Target Details

	throughout later stages of spermatogenesis. MEIG1 is a highly conserved basal metazoan gene that is indispensable for mouse spermatogenesis. It is important for normal meiotic differentiation and absolutely crucial for terminal differentiation of spermatozoa. MEIG1 encodes two alternative transcripts, designated 2a2 and 11a2, both of which encode for a common ORF but differing in their 5? untranslated region (5?UTR) due to alternative promoters.Synonyms: Meiosis expressed gene 1 protein homolog
Gene ID:	644890
NCBI Accession:	NP_001074305
UniProt:	Q5JSS6

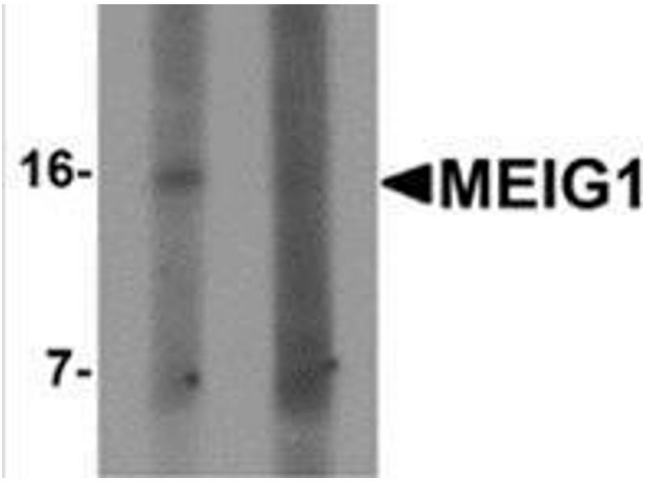
Application Details

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.

Images



Western Blotting

Image 1. Western blot analysis of MEIG1 in human kidney tissue lysate with MEIG1 antibody at 1 µg/ml in (left) the absence and (right) the presence of blocking peptide.