

Datasheet for ABIN335134

anti-FBXO43 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	FBXO43
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FBXO43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EMI2
Immunogen:	Peptide with sequence C-PGSAQSKRNLKRL, from the C Terminus of the protein sequence according to NP_001025031.2.
Sequence:	PGSAQSKRNL KRL
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FBXO43
Alternative Name:	FBXO43 (FBXO43 Products)
Background:	FBXO43, EMI2, F-box protein 43, Fbx43, early mitotic inhibitor 2, ERP1
Gene ID:	286151, 78803, 315034
NCBI Accession:	NP_001025031

Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in Mouse Ovary lysates (calculated MW of 78.4 kDa according to NP_001025031.2). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Human, Rat and Pig Testi Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Bernhardt, Kong, Kim, OHalloran, Woodruff: "A zinc-dependent mechanism regulates meiotic progression in mammalian oocytes." in: Biology of reproduction , Vol. 86, Issue 4, pp. 114, (2012) (PubMed).
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Perrard, Chassaing, Montillet, Sabido, Durand: "Cytostatic factor proteins are present in male meiotic cells and beta-nerve growth factor increases mos levels in rat late spermatocytes." in: **PLoS ONE**, Vol. 4, Issue 10, pp. e7237, (2009) ([PubMed](#)).

Images



Western Blotting

Image 1. Antibody (0.3µg/ml) staining of Mouse Ovary lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.