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Datasheet for ABIN701372 anti-DDX4 antibody (AA 601-700) (FITC)

Publication



Overview

Quantity:	100 µL
Target:	DDX4
Binding Specificity:	AA 601-700
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX4 antibody is conjugated to FITC
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DDX4
lsotype:	lgG
Cross-Reactivity:	Chicken
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.
Target Details	

Target:	DDX4
Alternative Name:	DDX4 (DDX4 Products)

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Target Details	
Background:	Synonyms: VASA, Probable ATP-dependent RNA helicase DDX4, DEAD box protein 4, Vasa homolog, DDX4 Background: Summary: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-
	Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes
	involving alteration of RNA secondary structure such as translation initiation, nuclear and
	mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution
	patterns, some members of this family are believed to be involved in embryogenesis,
	spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein,
	which is a homolog of VASA proteins in Drosophila and several other species. The gene is
	specifically expressed in the germ cell lineage in both sexes and functions in germ cell
	development. Multiple transcript variants encoding different isoforms have been found for this
	gene. [provided by RefSeq].
Gene ID:	54514
UniProt:	Q9NQI0
Application Details	
Application Notes:	FCM 1:20-100
	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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Publications	
Product cited in:	Imus, Roe, Charter, Durrant, Jensen: "Transfer and detection of freshly isolated or cultured
	chicken (Gallus gallus) and exotic species' embryonic gonadal germ stem cells in host
	embryos." in: Zoological science , Vol. 31, Issue 6, pp. 360-8, (2014) (PubMed).

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