

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human DDX17 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human DDX17 Asn498-Tyr638 Accession # Q92841
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

DDX17 is a member of the DEAD box family of proteins, a family of RNA helicases characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD). DDX17 plays an essential role in many aspects of cellular RNA metabolism, including RNA transport, transcription, ribosome assembly, spliceosome function, RNA degradation, and the initiation of translation. Distribution patterns suggests that some members of this family may be involved in spermatogenesis, embryogenesis, and cellular growth and division. Alternative splicing of the DDX17 gene generates two transcript variants encoding isoforms p72 and p82. p82 is translated from a non-AUG start codon 243 bp upstream of the first in frame AUG initiator codon for p72. DDX17 is more closely related to DDX5 than to any other member of the DEAD box family.

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