

Datasheet for ABIN2664924

anti-DDX17 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	DDX17
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDX17 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	1B5B09
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	DDX17
Alternative Name:	DDX17 (DDX17 Products)
Background:	DDX17 is an ATP-dependent RNA helicase, belonging to the DEAD (Asp-Glu-Ala-Asp) box superfamily and highly related to the other key family member DDX5. The RNA helicase activity of DDX17 has been implicated in the regulation of RNA metabolism, such as RNA splicing, RNA editing, RNA degradation, and modulating secondary RNA structure. DDX17 can act as a transcriptional co-activator for the estrogen receptor ERα. It is also involved in muscle cell

Target Details

differentiation by co-activating MyoD. DDX17 regulates histone modification through interacting with the acetyltransferases p300, CBP, and PCAF, and the histone deacetylase HDAC1. DDX17 deficient mice exhibit severe developmental problems and die shortly after birth.

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Regulation of Muscle Cell Differentiation](#)

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

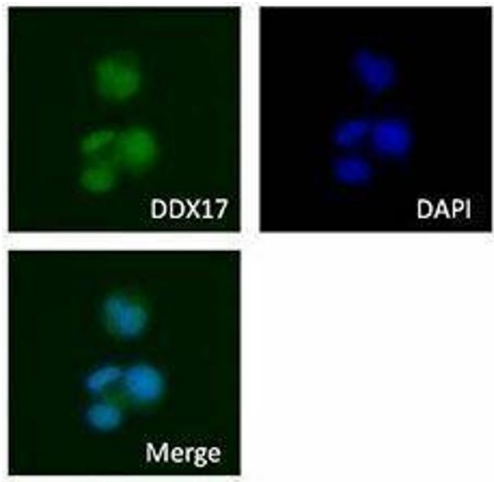
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

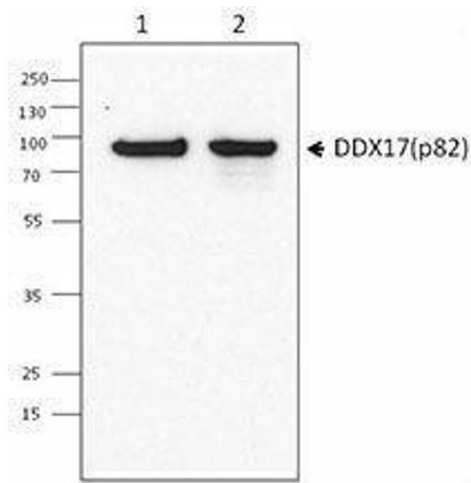
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.