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Datasheet for ABIN2966645

anti-FMR1 antibody

3 Images

Overview

Quantity:	200 µL
Target:	FMR1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FMR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human FMR1
Specificity:	Recognizes endogenous levels of FMR1 protein.
Characteristics:	Rabbit polyclonal antibody to FMR1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	FMR1
Alternative Name:	FMR1 (FMR1 Products)
Background:	Fragile X mental retardation protein 1, FMRP, Protein FMR-1
Gene ID:	2332, 24948

Target Details

UniProt: [Q06787](#), [P35922](#), [Q80WE1](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

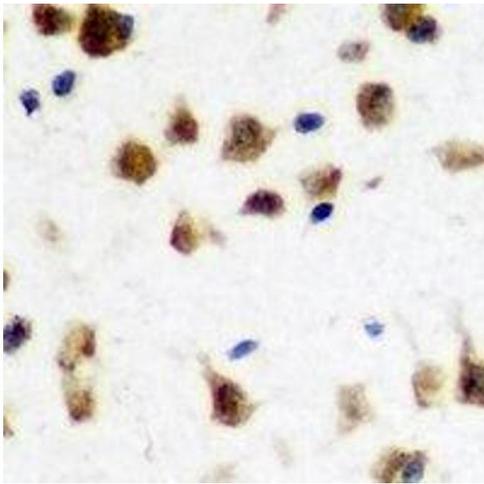
Expiry Date: 12 months

Images



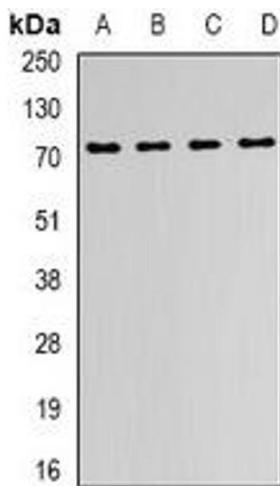
Immunofluorescence

Image 1. Immunofluorescent analysis of FMR1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Immunohistochemistry

Image 2. Immunohistochemical analysis of FMR1 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the anti



Western Blotting

Image 3. Western blot analysis of FMR1 expression in MCF7 (A), Jurkat (B), mouse kidney (C), mouse liver (D) whole cell lysates.