Datasheet for ABIN7258328

anti-EYA3 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	EYA3
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human EYA3 (NP_001981.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	EYA3
Alternative Name:	EYA3 (EYA3 Products)
Background:	This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may act as a transcriptional activator and have a role during development. It can act as a mediator of chemoresistance and cell survival in Ewing sarcoma cells, where this gene is up-regulated via a micro-RNA that binds to the 3' UTR of the transcript. A similar protein in mice

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Target Details

	acts as a transcriptional activator. Alternative splicing of this gene results in multiple transcript variants.
Molecular Weight:	Observed_MW: 57 kDa/58 kDa Calculated_MW: 48 kDa/56 kDa/57 kDa/58 kDa/62 kDa
Gene ID:	2140
UniProt:	Q99504
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	Store at -20°C. Avoid freeze / thaw cycles.

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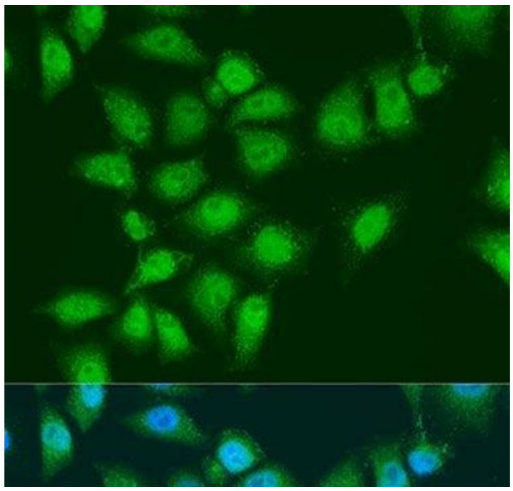
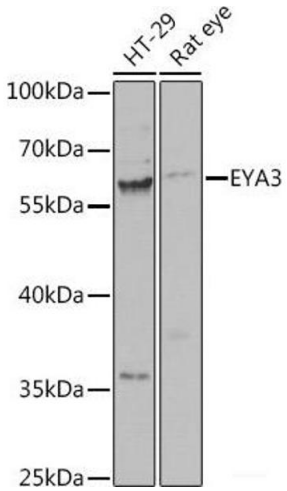


Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using EYA3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using EYA3 Polyclonal Antibody at dilution of 1:1000.

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