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Datasheet for ABIN2779571
anti-EYA3 antibody (Middle Region)

3 Images

Overview

Quantity:	100 µL
Target:	EYA3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Horse, Sheep, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EYA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EYA3
Sequence:	QSRKNMSTSKN RGKRKADATS SQDSELERVF LWDLDETHII FHSLLTGSYA
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 92%, Rabbit: 92%, Rat: 92%, Sheep: 92%
Characteristics:	This is a rabbit polyclonal antibody against EYA3. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	EYA3
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Target Details

Alternative Name:	EYA3 (EYA3 Products)
Background:	<p>Eyes absent homolog 3 (EYA3) is a member of the eyes absent (EYA) family of proteins. This protein may act as a transcriptional activator and have a role during development. A similar protein in mice can act as a transcriptional activator. Two transcript variants encoding distinct isoforms have been identified for this gene.</p> <p>Protein Interaction Partner: UBC, SKI, H2AFX, DACH1, SIX5, SIX4, SIX2, SIX1,</p> <p>Protein Size: 573</p>
Molecular Weight:	63 kDa
Gene ID:	2140
NCBI Accession:	NM_001990 , NP_001981
UniProt:	Q99504
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 573 AA
Restrictions:	For Research Use only

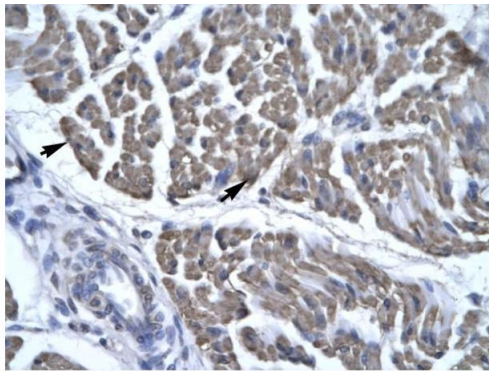
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

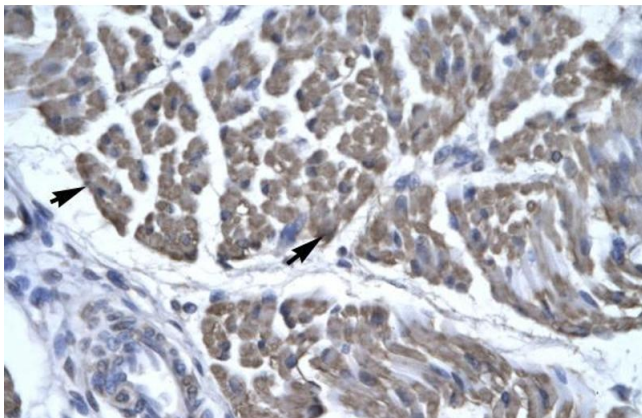
Image 1. WB Suggested Anti-EYA3 Antibody Titration: 0.05-1.0ug/ml Positive Control: HepG2 cell lysate



Rabbit Anti-EYA3 Antibody
Catalog Number: ARP32331
Lot Number: QC1795
Paraffin Embedded Tissue: Human Skeletal Muscle
Cells with Positive label: Muscle cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Skeletal Muscle



Immunohistochemistry

Image 3. Human Skeletal Muscle