

Datasheet for ABIN2779626
anti-SIX4 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SIX4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIX4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SIX4
Sequence:	EKSRNALKEK YKQNRYPSPA EKRLHLAKITG LSLTQVSNWF KNRRQRDRNP
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against SIX4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SIX4
Alternative Name:	SIX4 (SIX4 Products)

Target Details

Background:	<p>This gene encodes a member of the homeobox family, subfamily SIX. The drosophila homolog is a nuclear homeoprotein required for eye development. Studies in mouse show that this gene product functions as a transcription factor, and may have a role in the differentiation or maturation of neuronal cells.</p> <p>Alias Symbols: AREC3</p> <p>Protein Size: 521</p>
Molecular Weight:	57 kDa
Gene ID:	51804
NCBI Accession:	NM_017420 , NP_059116
UniProt:	Q9UIU6
Pathways:	Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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. Host: Rabbit Target Name: SIX4 Sample Type: Pancreas Tumor lysates Antibody Dilution: 1.0ug/ml