

Datasheet for ABIN5027412
anti-OTX2 antibody (AA 1-204)



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Overview

Quantity:	100 µg
Target:	OTX2
Binding Specificity:	AA 1-204
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant Otx2 protein (amino acids 1-204) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	OTX2
Alternative Name:	Otx2 (OTX2 Products)
Background:	Otx2 encodes a transcription factor that plays a critical role in craniofacial development and anterior brain morphogenesis. Otx2 homologs in model organisms are expressed in a complex spatial, temporal, and gradient-specific manner that is required for correct antero-posterior

Target Details

	patterning and craniofacial development. Otx2 mutations are associated with severe ocular phenotypes and central nervous system abnormalities such as seizures, short stature and developmental delay, CPHD (Combined Pituitary Hormone Deficiency), structural abnormalities of the pituitary gland and early onset retinal dystrophy.
Molecular Weight:	32 kDa
Gene ID:	5015
UniProt:	P32243
Pathways:	Dopaminergic Neurogenesis

Application Details

Application Notes:	WB: 2-4 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
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/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

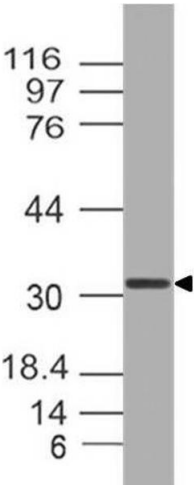


Image 1.