

Datasheet for ABIN1699985  
**anti-DUX4 antibody (AA 53-120) (Biotin)**



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## Overview

Quantity:	100 µL
Target:	DUX4
Binding Specificity:	AA 53-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUX4 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DUX4
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	DUX4
Alternative Name:	DUX4 ( <a href="#">DUX4 Products</a> )
Background:	Synonyms: Double homeobox protein 10, Double homeobox protein 4, Double homeobox

## Target Details

protein 4/10, DUX10, DUX4\_HUMAN.

Background: DUX4 is a homeodomain protein with a similar protein sequence to Pax3 and Pax7. Defects in DUX4 may be the cause of facioscapulohumeral muscular dystrophy (FSHD). FSHD is characterized by weakness of the muscles of the face, upper-arm and shoulder girdle. Severity is highly variable. Weakness is slowly progressive and about 20 % of affected individuals eventually require a wheelchair. Approximately 70-90 % of individuals have inherited the disease-causing deletion from a parent, and approximately 10-30 % of affected individuals have FSHD as the result of a de novo deletion. Offsprings of an affected individual have a 50 % chance of inheriting the deletion.

## Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months