

Rabbit anti-Human DUX4 Polyclonal Antibody | anti-DUX4 antibody

DUX4 Polyclonal Antibody

CATALOG # AAA174861	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

DUX4; Polyclonal Antibody; DUX4 Polyclonal Antibody; Double homeobox 4; Double homeobox protein 10; Double homeobox protein 4; Double homeobox protein 4/10; DUX10; DUX4L; DUX4L1; anti-DUX4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.26mg/mL (varies by lot)
Sequence Length	485
Applicable Applications for anti-DUX4 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human DUX4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DUX4 Polyclonal Antibody at dilution of 1:30(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using DUX4 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-DUX4 antibody

This gene is located within a D4Z4 repeat array in the subtelomeric region of chromosome 4q. The D4Z4 repeat is polymorphic in length; a similar D4Z4 repeat array has been identified on chromosome 10. Each D4Z4 repeat unit has an open reading frame (named DUX4) that encodes two homeoboxes; the repeat-array and ORF is conserved in other mammals. The encoded protein has been reported to function as a transcriptional activator of paired-like homeodomain transcription factor 1 (PITX1; GeneID 5307). Contraction of the macrosatellite repeat causes autosomal dominant facioscapulohumeral muscular dystrophy (FSHD). Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-DUX4 antibody

Cancer; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	194272172
NCBI GeneID	100288687; 107987484; 107987485; 107987486; 107987487
NCBI Accession #	NP_149418.3
NCBI GenBank Nucleotide #	NP_149418.3
UniProt Accession #	Q9UBX2
NCBI Official Full Name	double homeobox protein 4
UniProt Protein Name	Double homeobox protein 4
UniProt Gene Name	DUX4
UniProt Entry Name	DUX4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dux4-antibody-immunohistochemistry-elisa/174861>