

DUX4 Antibody

Catalog No: #47085

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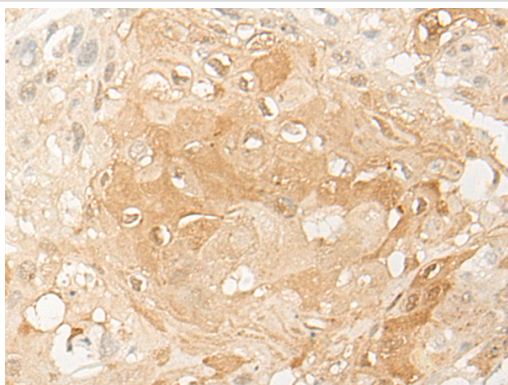
Description

Product Name	DUX4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DUX4 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DUX4
Target Name	DUX4
Other Names	DUX4L
Accession No.	Swiss-Prot#:Q9UBX2 NCBI Gene ID:100288687/107987484/107987485/107987486/107987487/107987488/107987489/107987490/107987491 Gene Accssion:NP_001280727
Uniprot	Q9UBX2
GeneID	100288687;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20C

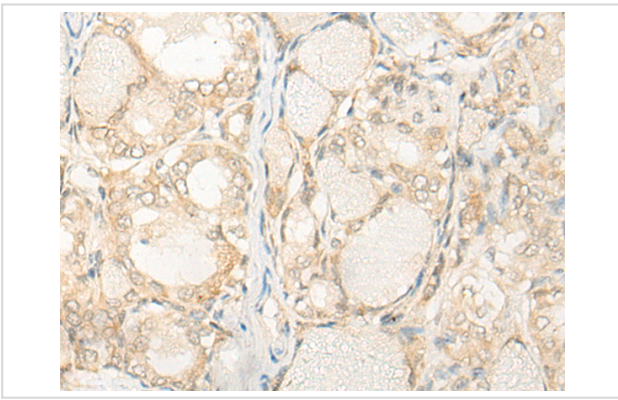
Application Details

Immunofluorescence:1: 20-100

Images



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47085(DUX4 Antibody) at dilution 1/30. (Original magnification: ?00)



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 47085(DUX4 Antibody) at dilution 1/30. (Original magnification: 200)

Background

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.

Note: This product is for in vitro research use only