Best Tools for immunology Research

DU4L7 rabbit pAb

Catalog No :	YT7473
Reactivity :	Human
Applications :	WB
Target :	DU4L7
Gene Name :	DUX4L7
Protein Name :	DU4L7
Human Swiss Prot No :	P0CJ90
Immunogen :	Synthesized peptide derived from human DU4L7 AA range: 314-364
Specificity :	This antibody detects endogenous levels of DU4L7 at Human
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	47kD
Background :	This gene is located within a D4Z4 repeat array in the subtelomeric region of chromosome 4q. The D4Z4 repeat is polymorphic in length and 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. There is no evidence for

transcription of the gene at this locus though RT-PCR and in vitro expression experiments indicate that a telomeric paralog of this gene is transcribed in some haplotypes. Contraction of the macrosatellite repeat causes autosomal dominant facioscapulohumeral muscular dystrophy (FSHD). [provided by RefSeq, Jun 2014],

Function : disease:Defects in DUX4 may be the cause of facioscapulohumeral muscular dystrophy (FSHD) [MIM:158900]. 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.,domain:Both homebox domains confer nuclear targeting.,function:May be involved in transcriptional regulation.,miscellaneous:DUX genes are present in 3.3-kilobase elements, a tandem repeat family scattered in the genome found on the short arms of all acrocentric chromosomes as well as on several ot

Subcellular Location : Nucleus .

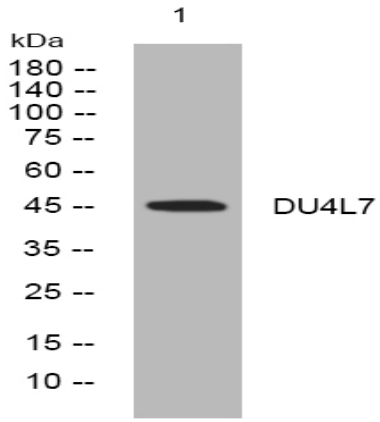
Sort : 5280

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night