

Summary

Production Name	UBE4A Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	UBE4A
Alternative Names	UBE4A; KIAA0126; Ubiquitin conjugation factor E4 A
Gene ID	9354.0
SwissProt ID	Q14139.Synthesized peptide derived from the N-terminal region of human UBE4A.

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC-p: 1:100-300 ELISA: 1:10000..
Molecular Weight	122kD

Background

This gene encodes a member of the U-box ubiquitin ligase family. The encoded protein is involved in multiubiquitin chain

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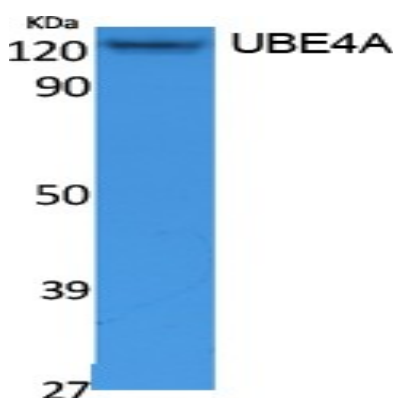


assembly and plays a critical role in chromosome condensation and separation through the polyubiquitination of securin. Autoantibodies against the encoded protein may be markers for scleroderma and Crohn's disease. A pseudogene of this gene is located on the long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011],function: Binds to the ubiquitin moieties of preformed conjugates and catalyzes ubiquitin chain assembly in conjunction with E1, E2, and E3.,sequence caution: Contaminating sequence. Potential poly-A sequence.,similarity: Belongs to the ubiquitin conjugation factor E4 family.,similarity: Contains 1 U-box domain.,

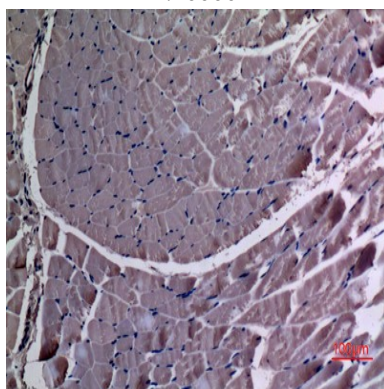
Research Area

Ubiquitin mediated proteolysis;

Image Data

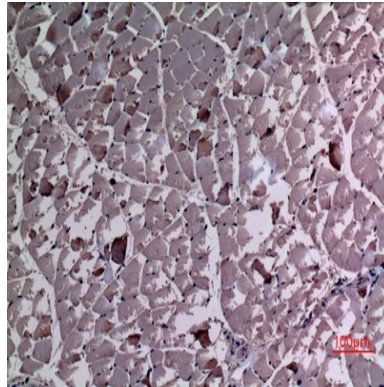


Western Blot analysis of extracts from Jurkat cells, using UBE4A Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

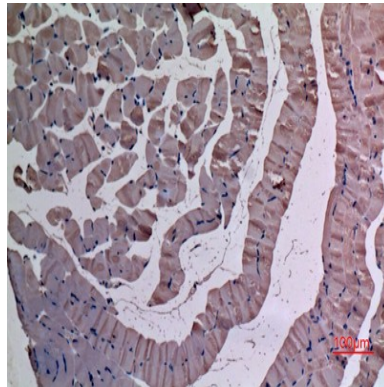


Immunohistochemical analysis of paraffin-embedded rat-muscle, antibody was diluted at 1:100

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Immunohistochemical analysis of paraffin-embedded rat-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-muscle, antibody was diluted at 1:100

Note

For research use only.