



Rabbit Anti-EFCAB6 antibody

SL14514R

Product Name:	EFCAB6
Chinese Name:	EFCAB6蛋白抗体
Alias:	DJBP; CAP binding protein complex interacting protein 1; DJ1 binding protein; DJBP; EFCB6 HUMAN; EF hand calcium binding domain 6; FLJ23588.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	173kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human EFCAB6:1401-1501/1501
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a protein which directly binds the oncogene DJ-1 and androgen receptor to form a ternary complex in cells. This binding protein recruits histone-deacetylase complexes in order to repress transcription activity of androgen receptor. This protein may also play a role in spermatogenesis and fertilization. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Function:

Negatively regulates the androgen receptor by recruiting histone deacetylase complex, and protein DJ1 antagonizes this inhibition by abrogation of this complex. Six named isoforms produced by alternative splicing.

Subunit:

Binds PARK7. Part of a ternary complex containing PARK7, EFCAB6/DJBP and AR.

Subcellular Location:

Nucleus.

Tissue Specificity:

Specifically expressed in the testis.

Similarity:

Contains 17 EF-hand domains.

SWISS:

Q5THR3

Gene ID:

64800

Database links:

[Entrez Gene: 64800](#) Human

[SwissProt: Q5THR3](#) Human

[Unigene: 658996](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.