

SMARCD3 Antibody FITC Conjugated

Catalog No: #C07987F

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Description

Product Name	SMARCD3 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human SMARCD3
Conjugates	FITC
Target Name	SMARCD3
Other Names	60 kDa BRG 1 Brm associated factor subunit C; 60 kDa BRG-1 Brm-associated factor subunit C; BAF60C; BRG1 associated factor 60C; BRG1-associated factor 60C; CRACD3; MGC111010; Rsc6p; Smarcd3; SMRD3_HUMAN; SWI SNF related matrix associated actin dependent regulator of chromatin subfamily d member 3; S
Accession No.	NCBI Gene ID6604
Uniprot	Q6STE5
GeneID	6604;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

SMARCD3, is a member of the SMARCD family and contains one SWIB domain. Two isoforms, isoform 1 and isoform 2 exist due to alternative splicing events. Both isoforms are expressed in placenta, salivary gland, kidney, brain, trachea, uterus, prostate, testis, thyroid, spleen and heart, while isoform 1 is also expressed in adipose tissue and skeletal muscle. Localizing to the nucleus, SMARCD3 is a component of the ATP-dependent chromatin remodeling complex SNF SWI and is believed to play a role in nucleosome remodeling. SMARCD3 also plays an important role in the regulation of muscle development. In mice, the silencing of the gene en-coding SMARCD3 leads to defects in heart morphogenesis. In addition, both isoforms of SMARCD3 directly interact with and function as coactivators for several transcription factors.

Note: This product is for in vitro research use only