

SCFD2 Rabbit pAb

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Catalog # AP56643

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8WU76
Reactivity	Rat, Human, Mouse
Predicted	Pig, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75127
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SCFD2
Epitope Specificity	501-600/684
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SCFD2 is a 684 amino acid protein suggested to play a role in protein transport. Existing as two alternatively spliced isoforms, SCFD2 is a member of the STXBP/unc-18/SEC1 family and is encoded by a gene that maps to human chromosome 4q12. Chromosome 4 represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntington gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

Additional Information

Gene ID	152579
Other Names	Sec1 family domain-containing protein 2, Syntaxin-binding protein 1-like 1, SCFD2, STXBP1L1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

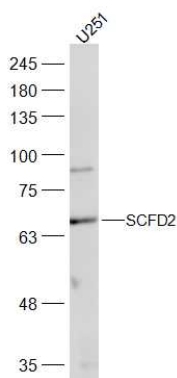
Protein Information

Name	SCFD2
Synonyms	STXBP1L1
Function	May be involved in protein transport.

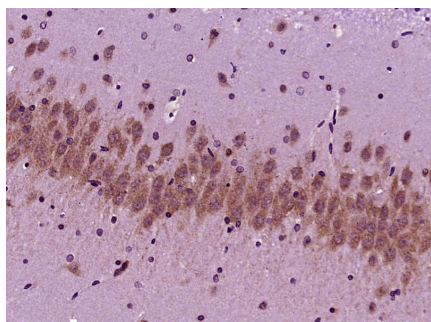
Background

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Images



Sample:
U251(Human) Cell Lysate at 30 ug
Primary: Anti-SCFD2 (AP56643) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 75 kD
Observed band size: 69 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SCFD2) Polyclonal Antibody, Unconjugated (AP56643) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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