

DIP2A Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21444c

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, E |
| Primary Accession | Q14689 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB49833 |
| Calculated MW | 170369 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 23181 |
| Other Names | Disco-interacting protein 2 homolog A, DIP2 homolog A, DIP2A, C21orf106, DIP2, KIAA0184 |
| Target/Specificity | This DIP2A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 934-969 amino acids from the Central region of human DIP2A. |
| Dilution | WB~~1:1000-1:2000 E~~Use at an assay dependent concentration. |
| Format | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | DIP2A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

| | |
|-----------------|---|
| Name | DIP2A |
| Synonyms | C21orf106, DIP2, KIAA0184 |
| Function | Catalyzes the de novo synthesis of acetyl-CoA in vitro (By similarity). Promotes acetylation of CTTN, possibly by providing the acetyl donor, ensuring correct dendritic spine morphology and synaptic transmission (By |

similarity). Binds to follistatin-related protein FSTL1 and may act as a cell surface receptor for FSTL1, contributing to AKT activation and subsequent FSTL1-induced survival and function of endothelial cells and cardiac myocytes (PubMed:[20054002](#)).

Cellular Location

Cell membrane; Peripheral membrane protein. Mitochondrion {ECO:0000250|UniProtKB:Q8BWT5}. Cell projection, dendritic spine {ECO:0000250|UniProtKB:Q8BWT5}

Tissue Location

Low expression in all tissues tested.

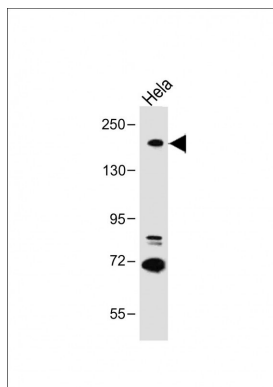
Background

May provide positional cues for axon pathfinding and patterning in the central nervous system.

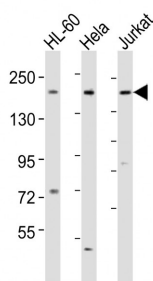
References

Gardiner K.,et al.Genomics 79:833-843(2002).
Tanaka M.,et al.Submitted (SEP-2006) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hattori M.,et al.Nature 405:311-319(2000).
Nagase T.,et al.DNA Res. 3:17-24(1996).

Images



Anti-DIP2A_HUMAN at 1:500 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 170 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-DIP2A Antibody (Center) at 1:1000-1:2000 dilution Lane 1: HL-60 whole cell lysates Lane 2: Hela whole cell lysates Lane 3: Jurkat whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 170 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.