

ANKRD6 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP13033C

Product Information

| Application | IHC-P, WB, E |
|-------------------|--------------------|
| Primary Accession | <u>Q9Y2G4</u> |
| Other Accession | <u>NP_055757.2</u> |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB32838 |
| Calculated MW | 79971 |
| Antigen Region | 314-343 |

Additional Information

| Gene ID | 22881 |
|--------------------|--|
| Other Names | Ankyrin repeat domain-containing protein 6, Diversin, ANKRD6, KIAA0957 |
| Target/Specificity | This ANKRD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 314-343 amino acids from the Central region of human ANKRD6. |
| Dilution | IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration. |
| Format | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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 | ANKRD6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

| Name | ANKRD6 |
|----------|--|
| Synonyms | KIAA0957 |
| Function | Recruits CKI-epsilon to the beta-catenin degradation complex that consists of AXN1 or AXN2 and GSK3-beta and allows efficient phosphorylation of |

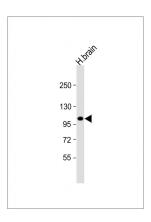
Background

ANKRD6 recruits CKI-epsilon to the beta-catenin degradation complex that consists of AXN1 or AXN2 and GSK3-beta and allows efficient phosphorylation of beta-catenin, thereby inhibiting beta-catenin/Tcf signals (By similarity).

References

Haribaskar, R., et al. Biochem. Biophys. Res. Commun. 387(1):212-217(2009) Miyasaka, K.Y., et al. Proc. Natl. Acad. Sci. U.S.A. 104(27):11274-11279(2007) Schwarz-Romond, T., et al. Genes Dev. 16(16):2073-2084(2002) Tissir, F., et al. Dev. Dyn. 224(4):465-469(2002)

Images



Anti-ANKRD6 Antibody (Center) at 1:1000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 80 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ANKRD6 Antibody (Center) (Cat. #AP13033c)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ANKRD6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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