



Frizzled-6 rabbit pAb

Cat No.:ES7668

For research use only

Overview

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|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Frizzled-6 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human FZD6. AA range:116-165 |
| Specificity | Frizzled-6 Polyclonal Antibody detects endogenous levels of Frizzled-6 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Frizzled-6 |
| Gene Name | FZD6 |
| Cellular localization | Membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Cell surface . Apical cell membrane; Multi-pass membrane protein . Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-p |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 79kD |
| Human Gene ID | 8323 |
| Human Swiss-Prot Number | O60353 |
| Alternative Names | FZD6; Frizzled-6; Fz-6; hFz6 |

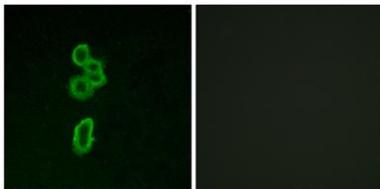




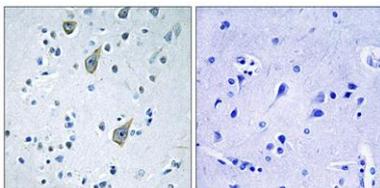
Background

frizzled class receptor 6(FZD6) Homo sapiens
This gene represents a member of the 'frizzled' gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants, some of which do not encode a protein with a predicted signal peptide.[provided by RefSeq, Aug 2011],

Immunofluorescence analysis of MCF7 cells, using FZD6 Antibody. The picture on the right is blocked with the synthesized peptide.

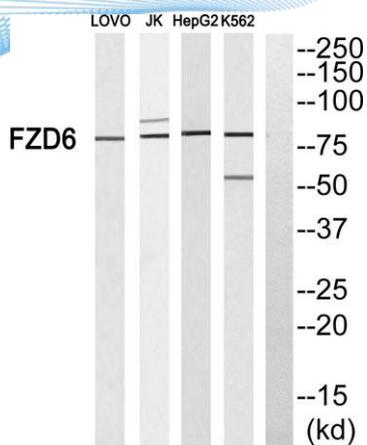


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using FZD6 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of FZD6 Antibody. The lane on the right is blocked with the FZD6 peptide.



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