

产品名称: TLE1/2/3/4 Rabbit Polyclonal Antibody
产品货号: APRab18977



产品概述 (Summary)

产品名称 (Production Name)	TLE1/2/3/4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	
别名 (Alternative Names)	similar to transducin-like enhancer of split 1/2/3/4
基因 ID (Gene ID)	7088.0
蛋白 ID (SwissProt ID)	Q04724/Q04725/Q04726/Q04727.The antiserum was produced against synthesized peptide derived from the C-terminal region of human TLE1/TLE2/TLE3/TLE4. AA range:721-770

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	90kDa

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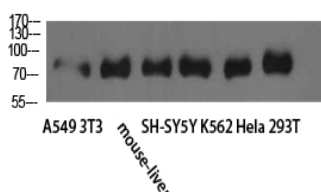


研究背景 (Background)

function: Transcriptional corepressor that binds to a number of transcription factors. Inhibits NF-kappa-B-regulated gene expression. Inhibits the transcriptional activation mediated by FOXA2, and by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Unusual function as coactivator for ESRRG., PTM: Phosphorylated, probably by CDC2. The degree of phosphorylation varies throughout the cell cycle, and is highest at the G2/M transition. Becomes hyperphosphorylated in response to cell differentiation and interaction with HES1 or RUNX1., similarity: Belongs to the WD repeat Groucho/TLE family., similarity: Contains 6 WD repeats., subcellular location: Nuclear and chromatin-associated, depending on isoforms and phosphorylation status. Hyperphosphorylation decreases the affinity for nuclear components., subunit: Homooligomer and heterooligomer with other family members. Binds LEF1, RUNX1, RUNX3, FOXA2, KDM6A, UTY, histone H3, HESX1, ESRRG and the NF-kappa-B subunit RELA. Interacts with HES1 (via WRPW motif), tissue specificity: In all tissues examined, mostly in brain, liver and muscle., function: Transcriptional corepressor that binds to a number of transcription factors. Inhibits NF-kappa-B-regulated gene expression. Inhibits the transcriptional activation mediated by FOXA2, and by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Unusual function as coactivator for ESRRG., PTM: Phosphorylated, probably by CDC2. The degree of phosphorylation varies throughout the cell cycle, and is highest at the G2/M transition. Becomes hyperphosphorylated in response to cell differentiation and interaction with HES1 or RUNX1., similarity: Belongs to the WD repeat Groucho/TLE family., similarity: Contains 6 WD repeats., subcellular location: Nuclear and chromatin-associated, depending on isoforms and phosphorylation status. Hyperphosphorylation decreases the affinity for nuclear components., subunit: Homooligomer and heterooligomer with other family members. Binds LEF1, RUNX1, RUNX3, FOXA2, KDM6A, UTY, histone H3, HESX1, ESRRG and the NF-kappa-B subunit RELA. Interacts with HES1 (via WRPW motif), tissue specificity: In all tissues examined, mostly in brain, liver and muscle.,

研究领域 (Research Area)

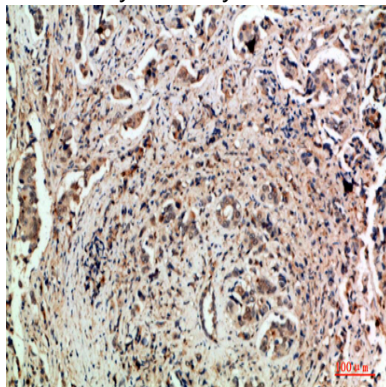
图片 (Image Data)



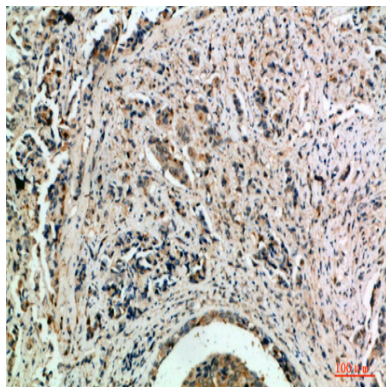
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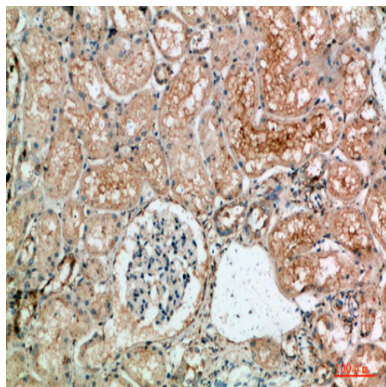
Western Blot analysis of A549 3T3 mouse-liver SH-SY5Y K562 Hela 293T cells using TLE1/2/3/4 Polyclonal Antibody diluted at 1:2000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



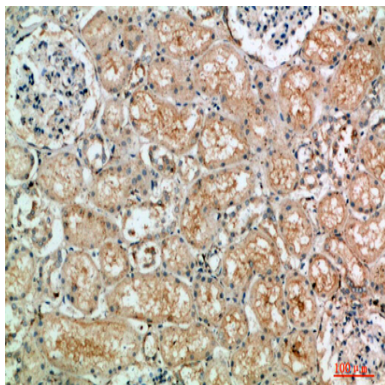
Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



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Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

注意事项 (Note)

For research use only .