

Product datasheet for **TA367195**

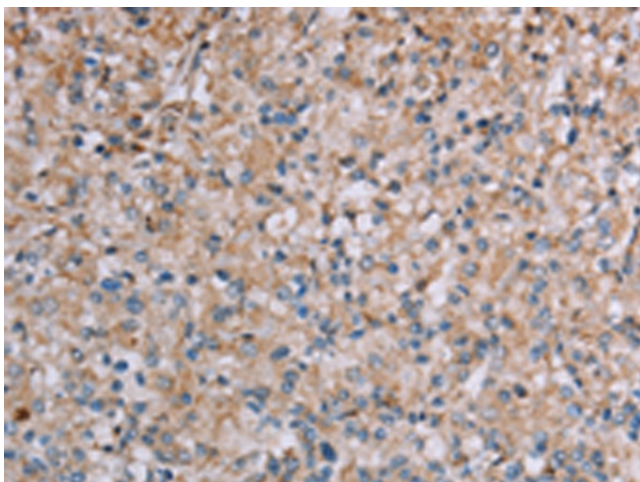
Plexin A4 (PLXNA4) Rabbit Polyclonal Antibody

Product data:

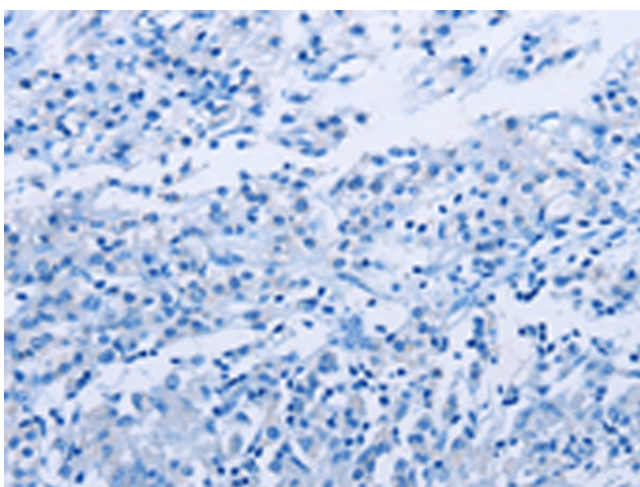
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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide of human PLXNA4 |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Gene Name: | plexin A4 |
| Database Link: | Entrez Gene 91584 Human Q9HCM2 |
| Background: | Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing nervous system. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm. |
| Synonyms: | DKFZp434G0625; DKFZp434G0625PRO34003; DKFZp566O0546; FAYV2820; FLJ35026; FLJ38287; KIAA1550; OTTHUMP00000207245; PLEXA4; PLXNA4A; PLXNA4B; PRO34003 |



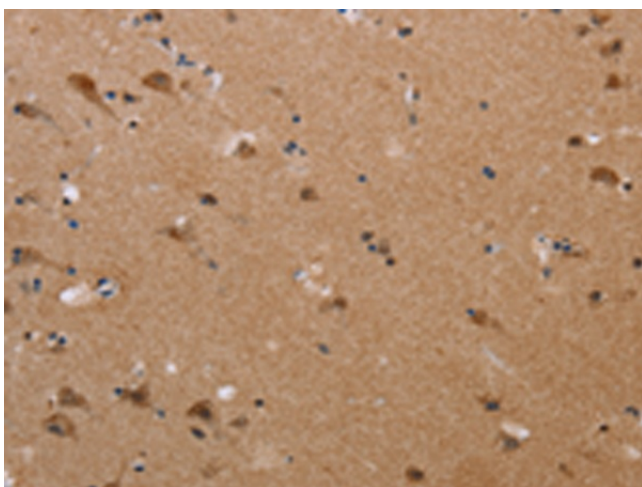
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Product images:

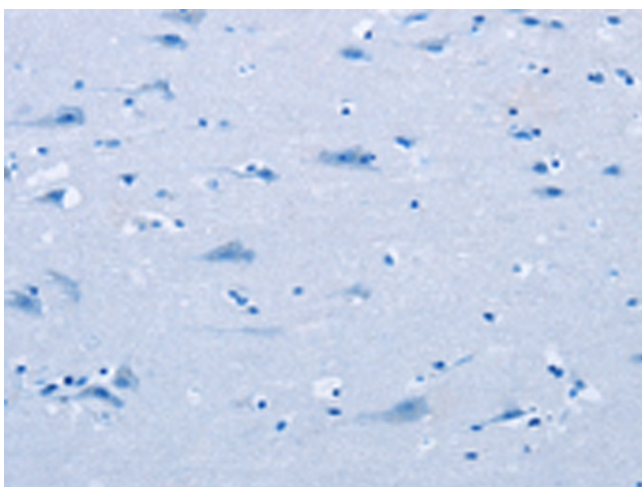
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA367195 (PLXNA4 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA367195 (PLXNA4 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA367195 (PLXNA4 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA367195 (PLXNA4 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: $\times 200$)