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Product datasheet for TA321365S

Orexin Receptor 2 (HCRTR2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 405-419 amino acids of human hypocretin (orexin) receptor 2
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	hypocretin receptor 2
Database Link:	NP_001517 Entrez Gene 25605 RatEntrez Gene 387285 MouseEntrez Gene 3062 Human O43614
Background:	The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A.
Synonyms:	OX2R
Protein Families:	Druggable Genome
Protein Pathways:	Neuroactive ligand-receptor interaction

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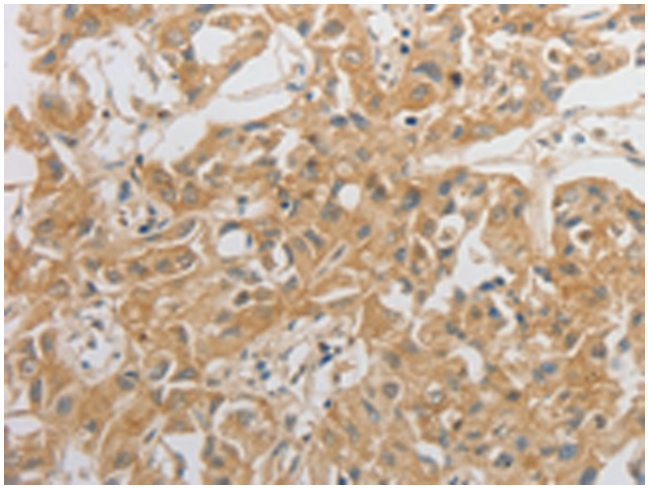
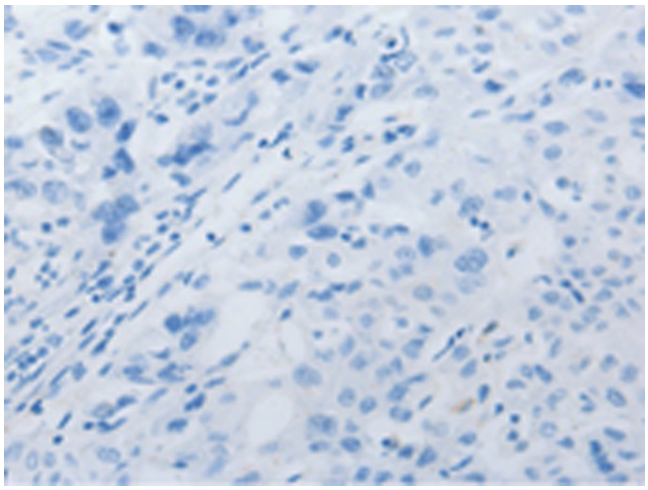
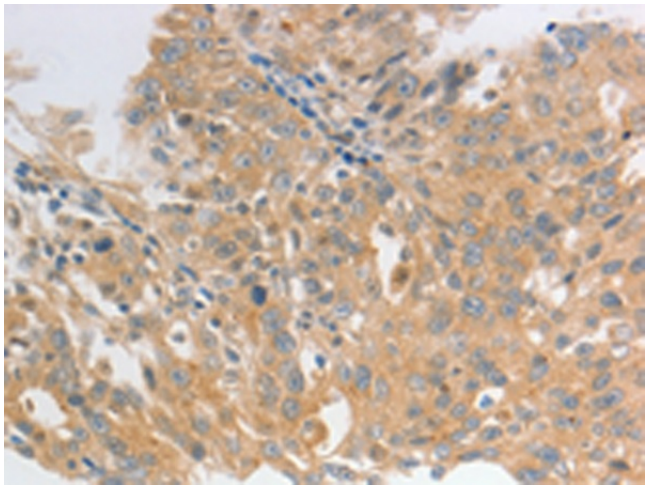
Product images:



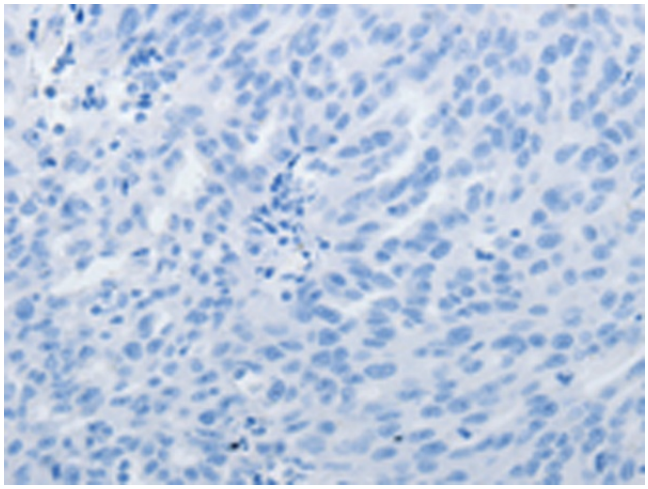
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321365] (HCRTR2 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA321365] (HCRTR2 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA321365] (HCRTR2 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA321365] (HCRTR2 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)