

Anti-RASD2 Polyclonal Antibody

Cat: K107690P

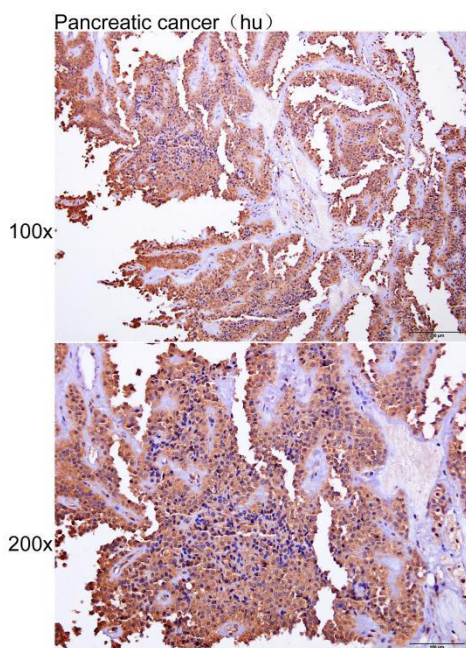
Summary:

【Product name】 : Anti-RASD2 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : Q96D21	【Gene ID】 : 23551
【Calculated】 : MW:30kDa	
【Purification】 : Affinity purification	
【Tested applications】 : IHC	
【Recommended dilution】 : IHC 1:50-200.	
【IHC Positive sample】 : Human pancreatic cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : A synthetic peptide of human RASD2	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

Background:

This gene belongs to the Ras superfamily of small GTPases and is enriched in the striatum. The encoded protein functions as an E3 ligase for attachment of small ubiquitin-like modifier (SUMO). This protein also binds to mutant huntingtin (mHtt), the protein mutated in Huntington disease (HD). Sumoylation of mHTT by this protein may cause degeneration of the striatum. The protein functions as an activator of mechanistic target of rapamycin 1 (mTOR1), which in turn plays a role in myelination, axon growth and regeneration. Reduced levels of mRNA expressed by this gene were found in HD patients.

Verified picture



Immunohistochemistry of paraffin-embedded
Human pancreatic cancer with RASD2
antibody diluted at 1:100