# INSR Antibody

Catalog No: #43738

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

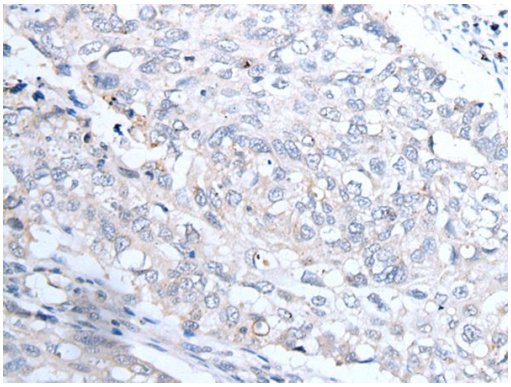
## Description

| | |
|---|---|
| Product Name | INSR Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification |
| Applications | IHC |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous levels of total INSR protein. |
| Immunogen Type | peptide |
| Immunogen Description | Synthetic peptide of human INSR |
| Target Name | INSR |
| Other Names | HHF5; CD220 |
| Accession No. | Swiss-Prot#: P06213NCBI Gene ID: 3643 |
| Uniprot | P06213 |
| GeneID | 3643; |
| Concentration | 0.5mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| Storage | Store at -20°C |

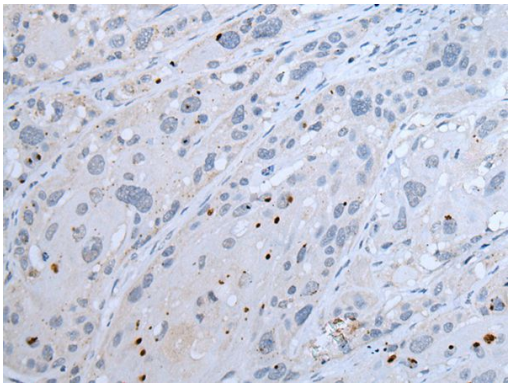
## Application Details

Immunohistochemistry: 1: 20-100

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using INSR Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using INSR Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Mutations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin resistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only