Goat Anti-HRS / HGS Antibody
Peptide-affinity purified goat antibody
Catalog # AF1541a

Specification

Goat Anti-HRS / HGS Antibody - Product Information

<table>
<thead>
<tr>
<th>Application</th>
<th>IHC</th>
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</thead>
<tbody>
<tr>
<td>Primary Accession</td>
<td>O14964</td>
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<tr>
<td>Reactivity</td>
<td>Human</td>
</tr>
<tr>
<td>Predicted</td>
<td>Mouse, Rat, Dog</td>
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<tr>
<td>Host</td>
<td>Goat</td>
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<tr>
<td>Clonality</td>
<td>Polyclonal</td>
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<tr>
<td>Concentration</td>
<td>100ug/200ul</td>
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<tr>
<td>Isotype</td>
<td>IgG</td>
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<tr>
<td>Calculated MW</td>
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</tbody>
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Goat Anti-HRS / HGS Antibody - Additional Information

Gene ID 9146

Other Names
Hepatocyte growth factor-regulated tyrosine kinase substrate, Hrs, Protein pp110, HGS, HRS

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-HRS / HGS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-HRS / HGS Antibody - Protein Information

Name HGS

Synonyms HRS

Function
Involved in intracellular signal transduction mediated by cytokines and growth factors. When associated with STAM, it suppresses DNA signaling upon stimulation by IL-2 and GM-CSF. Could be a direct effector of

Goat Anti-HRS / HGS Antibody - References


PI3-kinase in vesicular pathway via early endosomes and may regulate trafficking to early and late endosomes by recruiting clathrin. May concentrate ubiquitinated receptors within clathrin-coated regions. Involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with STAM (ESCRT-0 complex). The ESCRT-0 complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes. May contribute to the efficient recruitment of SMADs to the activin receptor complex. Involved in receptor recycling via its association with the CART complex, a multiprotein complex required for efficient transferrin receptor recycling but not for EGFR degradation.

**Cellular Location**
Cytoplasm. Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Endosome, multivesicular body membrane; Peripheral membrane protein

**Tissue Location**
Ubiquitous expression in adult and fetal tissues with higher expression in testis and peripheral blood leukocytes.

**Goat Anti-HRS / HGS Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture