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ECD antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10449

Specification

ECD antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	O95905
Other Accession	NM_007265, NP_009196
Reactivity	**Human, Mouse, Rat, Pig, Goat, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Pig, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**73kDa KDa**

ECD antibody - N-terminal region - Additional Information

Gene ID 11319

Alias Symbol	**GCR2, HSGT1**

Other Names
Protein SGT1, hSGT1, Protein ecdysoneless homolog, Suppressor of GCR2, ECD, SGT1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-ECD antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
ECD antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ECD antibody - N-terminal region - Protein Information

Name ECD

Function
Regulator of p53/TP53 stability and function. Inhibits MDM2- mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP (PubMed:16849563, PubMed:23880345). May be involved transcriptional regulation. In vitro has intrinsic transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes (PubMed:19919181,

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PubMed:9928932). Involved in regulation of cell cycle progression. Proposed to disrupt Rb-E2F binding leading to transcriptional activation of E2F proteins (PubMed:19640839). The cell cycle -regulating function may depend on its RUVBL1-mediated association with the R2TP complex (PubMed:26711270). May play a role in regulation of pre-mRNA splicing (PubMed:24722212).

Cellular Location
Cytoplasm. Nucleus. Note=Predominantly is located in the cytoplasm.

Tissue Location
Highly expressed in muscle and heart. Over- expressed in pancreatic and breast cancers

ECD antibody - N-terminal region - Protocols

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

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

