

For Research Use Only

# ECD Polyclonal antibody

Catalog Number: 10192-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**  
10192-1-AP

**Size:**  
150ul , Concentration: 400 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG0245

**GenBank Accession Number:**  
BC000721

**GeneID (NCBI):**  
11319

**Full Name:**  
ecdysoneless homolog (Drosophila)

**Calculated MW:**  
73 kDa

**Observed MW:**  
73 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB  
IF 1:10-1:100

## Applications

**Tested Applications:**  
IF, IP, WB, ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human

**Cited Species:**  
human

**Positive Controls:**

**WB :** HeLa cells,

**IP :** HeLa cells,

**IF :** HeLa cells,

## Background Information

The human suppressor of GCR two (hSGT1) was isolated by its ability to complement the growth defect of the *gcr2* mutant of *Saccharomyces cerevisiae*. Further work confirmed that the rescue of growth was associated with recovery of glycolytic enzyme activities of *gcr2*, and that hSGT1 did not complement the growth defect of a *gcr1* mutant. A hybrid protein comprising hSgt1p and the DNA-binding domain of Gal4p (GBD) activated a GAL1-lacZ reporter gene fusion, suggesting that the cloned gene may be a transcriptional activator. Two-hybrid experiments in yeast also indicate that hSgt1p interacts with Gcr1p. Northern analysis showed that hSGT1 is highly expressed in muscle and heart.

## Notable Publications

Author	Pubmed ID	Journal	Application
Song-Hui Xu	26498357	Oncotarget	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

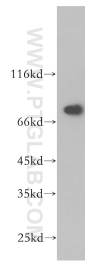
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

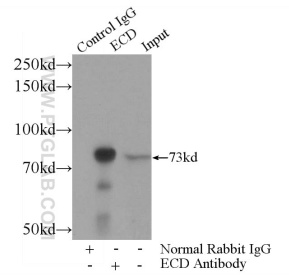
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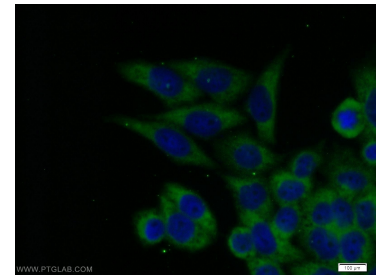
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10192-1-AP (ECD antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-ECD (IP:10192-1-AP, 4ug; Detection:10192-1-AP 1:300) with HeLa cells lysate 2480ug.



Immunofluorescent analysis of HeLa cells using 10192-1-AP (ECD antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).