USA: proteintech@ptglab.com

Europe: europe@ptglab.com

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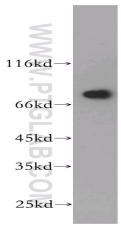
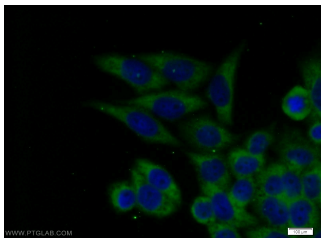
ECD Polyclonal Antibody

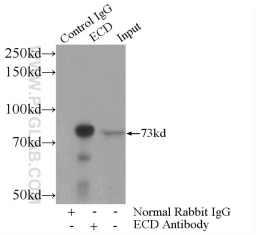
Catalog number: 10192-1-AP
Size: 46 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
ECD; ECD, GCR2, HSGT1,
Protein ecdysoneless homolog,
Protein SGT1, SGT1,
Suppressor of GCR2



HeLa cells were subjected to SDS PAGE followed by western blot with 10192-1-AP(ECD antibody) at dilution of 1:300



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



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

Background

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.

Applications

Tested applications:	**ELISA, WB, IF, IP**
Cited applications:	**WB**
Species specificity:	**Human, Mouse; other species not tested.**
Cited species:	**HUMAN**
Caculated ECD MW:	**73 kDa**
Observed ECD MW:	**73 kDa**
Positive WB detected in	**HeLa cells**
Positive IP detected in	**HeLa cells**
Positive IF detected in	**HeLa cells**
Recommended dilution:	**WB: 1:200-1:2000**
	IP: 1:200-1:1000
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag0245**
GenBank accession number:	**BC000721**
Gene ID (NCBI):	**11319**
Full name:	**Ecdysoneless homolog (Drosophila)**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**