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## Datasheet for ABIN7113709 anti-ECD/SGT1 antibody



Overview

Overview	
Quantity:	100 µg
Target:	ECD/SGT1 (ECD)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ECD/SGT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	ecdysoneless homolog(Drosophila)
lsotype:	lgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE
Target Details	
Target:	ECD/SGT1 (ECD)
Alternative Name:	ECD (ECD Products)
Background:	Synonyms:ECD, GCR2, HSGT1, Protein ecdysoneless homolog, Protein SGT1, SGT1, Suppressor of GCR2 Background: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

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## Target Details

	transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes(PubMed:19919181, 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).
Molecular Weight:	70-100 kDa
Gene ID:	11319
UniProt:	095905
Pathways:	Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months