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Datasheet for ABIN7120857 **anti-GPR177/WLS antibody**

Overview

Quantity:	100 µg
Target:	GPR177/WLS (WLS)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR177/WLS antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	G protein-coupled receptor 177
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	GPR177/WLS (WLS)
Alternative Name:	GPR177 (WLS Products)
Background:	Synonyms:C1orf139, EVI, G protein coupled receptor 177, GPR177, Protein wntless homolog, Sprinter, WLS, Wntless Background:GPR177, also known as Wntless (WLS) or Evi, is an evolutionarily conserved transmembrane protein necessary for Wnt protein secretion. GPR177 localizes to compartments of the secretory pathway, including the ER, Golgi apparatus,

Target Details

endosomes, and plasma membrane. GPR177 is overexpressed in several cancer types including glioma and gastric cancer. Several isoforms of GPR177 exist due to the alternative splicing, with predicted MW around 62 and 51 kDa, respectively. The sequence can be processed by removing the signal peptide, which generates a mature form of 45-46 kDa. In addition, slow migragrating band above 62 kDa can also be detected because GPR177 is modified by N-linked glycosylation (PMID: 20549736).

Molecular Weight:	46-62 kDa
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Gene ID:	79971
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UniProt:	Q5T9L3
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Pathways:	WNT Signaling
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Application Details

Application Notes:	WB: 1:500-1:1000, IP: 1:500-1:1000, IHC: 1:20-1:200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
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Expiry Date:	12 months
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