

LGP2 Polyclonal Antibody

Catalog number: 11355-1-AP

Size: 26 µg/150 µl

Source: Rabbit

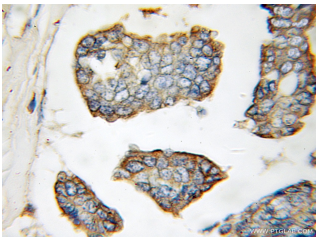
Isotype: IgG

Synonyms:

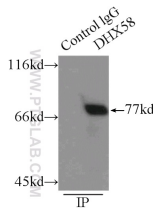
DHX58; D11LGP2, D11lgp2e,
DHX58, LGP2, Protein D11Lgp2

homolog, RIG I like receptor

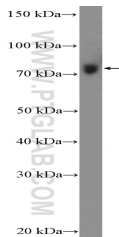
LGP2, RLR



Immunohistochemical of paraffin-embedded human breast cancer using 11355-1-AP (DHX58 antibody) at dilution of 1:10 (under 10x lens)



IP Result of anti-DHX58 (IP:11355-1-AP, 3µg; Detection:11355-1-AP 1:300) with mouse liver tissue lysate 6000µg.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11355-1-AP (DHX58 Antibody) at dilution of 1:300

Background

DHX58 (Probable ATP-dependent RNA helicase DHX58) is also named as D11LGP2E, LGP2 and belongs to the RLR subfamily. DHX58, originally identified as a highly expressed gene in mammary tumors, is another cytoplasmic DEX(D/H)-box helicase that can recognize RNA (PMID: 18411269). It acts as a positive, but not negative, regulator of RIG-I- and MDA5-dependent recognition of RNA virus infection and plays a pivotal role in antiviral responses in vivo (PMID:20080593).

Applications

Tested applications:	ELISA, IHC, IP, WB
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated LGP2 MW:	678aa, 77 kDa
Observed LGP2 MW:	77 kDa
Positive WB detected in	HEK-293 cells
Positive IP detected in	Mouse liver tissue
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:200-1:1000
	IP: 1:200-1:1000
	IHC: 1:10-1:100

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

Immunogen information

Immunogen:	Ag1910
GenBank accession number:	BC014949
Gene ID (NCBI):	79132
Full name:	DEXH (Asp-Glu-X-His) box polypeptide 58

Product information

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