

For Research Use Only

# ASXL1 Recombinant antibody, PBS Only

Catalog Number: 84630-1-PBS



## Basic Information

Catalog Number:

84630-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10290

GenBank Accession Number:

BC064984

GeneID (NCBI):

171023

UNIPROT ID:

Q8IXJ9

Full Name:

additional sex combs like 1  
(Drosophila)

Calculated MW:

84aa, 10 kDa; 1541aa, 165 kDa

Observed MW:

200-220 kDa

Purification Method:

Protein A purification

CloneNo.:

241563A5

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

Additional sex combs-like 1 (ASXL1) is a member of the ASXL family, which is involved in epigenetic regulation. It is one of the mammalian Asx homologs. Mutations in the ASXL1 gene are frequently found in myeloid neoplasms, breast cancers, and prostate cancers (PMID: 30013160; PMID: 22436456; PMID: 26470845). In patients with myeloid malignancies, ASXL1 mutations are mostly heterozygous frameshift or nonsense mutations that result in C-terminal truncation (PMID: 30982744; PMID: 26095772; PMID: 32683582; PMID: 29643185).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

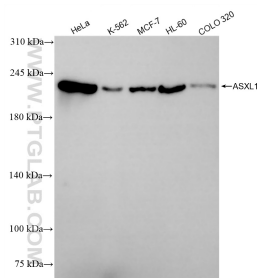
T: 4006900926

E: Proteintech-CN@ptglab.com

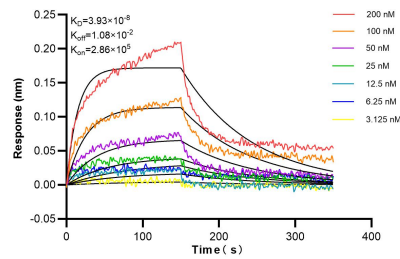
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84630-1-RR (ASXL1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84630-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84630-1-RR against Human ASXL1 were performed. The affinity constant is 39.3 nM.