

À des fins de recherche uniquement

Anticorps Monoclonal anti-STT3A

Numéro de catalogue: 66581-1-Ig **2 Publications**



Informations de base

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| Numéro de catalogue: 66581-1-Ig | Numéro d'acquisition GenBank: BC020965 | Méthode de purification: Purification par protéine G |
| Taille: 150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 3703 | CloneNo.: 1E2B12 |
| Hôte: Mouse | Nom complet: STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae) | Dilutions recommandées: WB 1:1000-1:6000 IHC 1:50-1:500 |
| Isotype: IgG1 | MW calculé 705 aa, 81 kDa | |
| Immunogen Catalog Number: AG27072 | MW observés: 65 kDa | |

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules THP-1, cellules HEK-293, cellules HL-60, cellules K-562, cellules RAW 264.7

IHC : tissu de cancer du sein humain,

Informations générales

STT3A, also named as Integral membrane protein 1, belongs to the STT3 family. STT3A is expressed at high levels in placenta, liver, muscle and pancreas, and at very low levels in brain, lung and kidney. STT3A is a catalytic subunit of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. STT3A is present in the majority of OST complexes and mediates cotranslational N-glycosylation of most sites on target proteins, while STT3B-containing complexes are required for efficient post-translational glycosylation and mediate glycosylation of sites that have been skipped by STT3A. There are two isoforms of STT3A with molecular weight of 81 and 70 kDa. 66581-1-Ig antibody detects a protein around 65-70 kDa in SDS-PAGE which is similar to papers published. (PMID: 32005703, 25135935)

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|--------------|-----------|------------------------|-------------|
| Jiahua Cheng | 35832442 | Transl Lung Cancer Res | IHC |
| Wenchang Lv | 35444644 | Front Immunol | IHC, IF |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

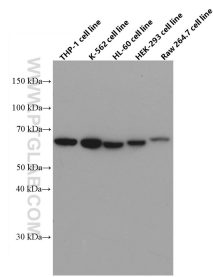
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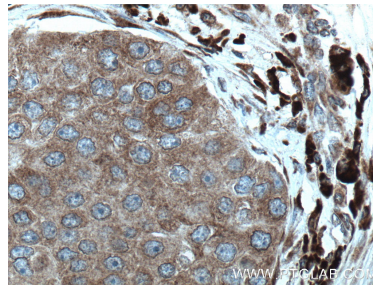
E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66581-1-Ig (STT3A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66581-1-Ig (STT3A antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).