




### Anti-VGLUT3 antibody [N34/34] ab134310

★★★★★ [2 Abreviews](#) [1 References](#) [画像数 1](#)

#### 製品の概要

製品名	Anti-VGLUT3 antibody [N34/34]
製品の詳細	Mouse monoclonal [N34/34] to VGLUT3
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, IHC-P, IHC-Fr, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Recombinant fragment (His-tag) within Rat VGLUT3 aa 500 to the C-terminus (C terminal). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b>contact</b> our Scientific Support team to discuss your requirements. Database link: <a href="#">Q7TSF2</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
ポジティブ・コントロール	ICC/IF: SK-N-BE cells.
特記事項	<p>The clone number has been updated from S34-34 to N34/34, both clone numbers name the same antibody clone.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
精製度	Protein G purified
ポリ/モノ	モノクローナル

クローン名	N34/34
アイソタイプ	IgG1

## アプリケーション

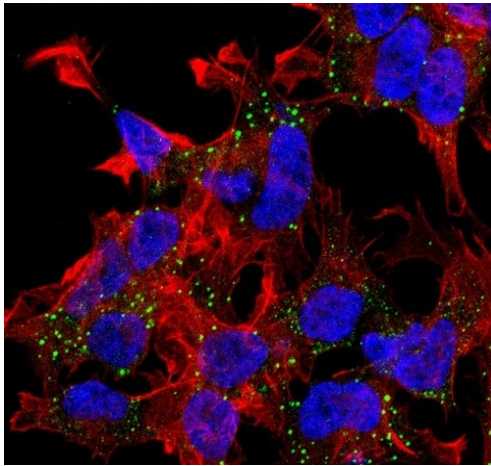
**The Abpromise guarantee**      **Abpromise保証は、次のテスト済みアプリケーションにおけるab134310の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		1/100.

## ターゲット情報

機能	Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate.
組織特異性	Expressed in amygdala, cerebellum, hippocampus, medulla, spinal cord and thalamus.
関連疾患	Defects in SLC17A8 are the cause of deafness autosomal dominant type 25 (DFNA25) [MIM:605583]. DFNA25 is a form of sensorineural hearing loss. The expression of DFNA25 deafness is variable in terms of onset and rate of progression, with an age-dependent penetrance resembling an early-onset presbycusis, or senile deafness, a progressive bilateral loss of hearing that occurs in the aged.
配列類似性	Belongs to the major facilitator superfamily. Sodium/anion cotransporter family. VGLUT subfamily.
細胞内局在	Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Membrane. Cell junction > synapse > synaptosome.

## 画像



Immunocytochemistry/ Immunofluorescence - Anti-VGLUT3 antibody [N34/34] (ab134310)

Immunocytochemistry/Immunofluorescence analysis of SK-N-BE (Human neuroblastoma cell line) cells labeling VGLUT3 using ab134310 at 1/100 for 60 minutes at RT. Cells were fixed in 4% formaldehyde for 15 minutes at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1/200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1/1000, 1/5000 for 60 min at RT, 5 min at RT.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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