# abcam

## Product datasheet

## Human EAAT2 peptide ab41752

★★★★★ <u>1 Abreviews</u>	1 References	1 Image
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Product name	Human EAAT2 peptide
Purity	> 90 % n/a.
Accession	P43004
Animal free	No
Nature	Synthetic
Species	Human
Specifications	
Our <u>Abpromise guarantee</u> cov	ers the use of <b>ab41752</b> in the following tested applications.
The application notes include re	commended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Applications	Blocking - Blocking peptide for Anti-EAAT2 antibody (ab41621)
Form	Lyophilized
Additional notes	Reconstitution instructions:
	- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
	- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
	- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
	- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
	- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.
Preparation and Storage	

**Stability and Storage** 

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

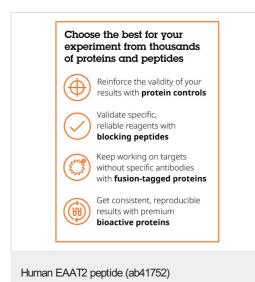
### **General Info** Function Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic symport by cotransporting sodium. Sequence similarities

action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a Belongs to the sodium:dicarboxylate (SDF) symporter (TC 2.A.23) family. SLC1A2 subfamily. Glycosylated.

modifications	
Cellular localization	Membrane.

#### Images

Post-translational



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- Replacement or refund for products not performing as stated on the datasheet ٠
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- Response to your inquiry within 24 hours ٠
- We provide support in Chinese, English, French, German, Japanese and Spanish ٠
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- We investigate all quality concerns to ensure our products perform to the highest standards .

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