

# ST7 rabbit monoclonal antibody

Catalog # H00007982-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human ST7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ST7 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ST7 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ST7

Entrez GeneID	<a href="#">7982</a>
GeneBank Accession#	<a href="#">ST7</a>
Gene Name	ST7
Gene Alias	DKFZp762O2113, ETS7q, FAM4A, FAM4A1, HELG, RAY1, SEN4, TSG7
Gene Description	suppression of tumorigenicity 7
Omim ID	<a href="#">600833</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The gene for this product maps to a region on chromosome 7 identified as an autism-susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting that coding mutations for this gene are unlikely to be involved in the etiology of autism. The function of this gene product has not been determined. Transcript variants encoding different isoforms of this protein have been described. [provided by RefSeq]
Other Designations	family with sequence similarity 4, subfamily A, member 1 suppression of tumorigenicity 7 (breast)

## Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Mental Retardation](#)
- [NARP](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)

- [Tobacco Use Disorder](#)