

## Anti-SSX4 Polyclonal Antibody

Cat: K107756P

### Summary:

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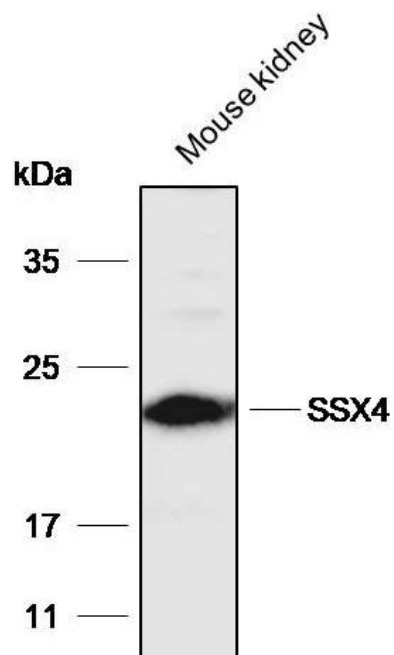
<b>【Product name】</b> : Anti-SSX4 antibody	<b>【Source】</b> : Rabbit
<b>【Isotype】</b> : IgG	<b>【Species reactivity】</b> : Human Mouse
<b>【Swiss Prot】</b> : O60224	<b>【Gene ID】</b> : 6759
<b>【Calculated】</b> : MW:17/22kDa	<b>【Observed】</b> : MW:23kDa
<b>【Purification】</b> : Affinity purification	
<b>【Tested applications】</b> : WB IHC	
<b>【Recommended dilution】</b> : WB 1:5000-8000. IHC 1:50-200.	
<b>【WB Positive sample】</b> : Mouse kidney	
<b>【IHC Positive sample】</b> : Human thyroid cancer	
<b>【Subcellular location】</b> : Nucleus	
<b>【Immunogen】</b> : Recombinant protein of human SSX4	
<b>【Storage】</b> : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

### Background:

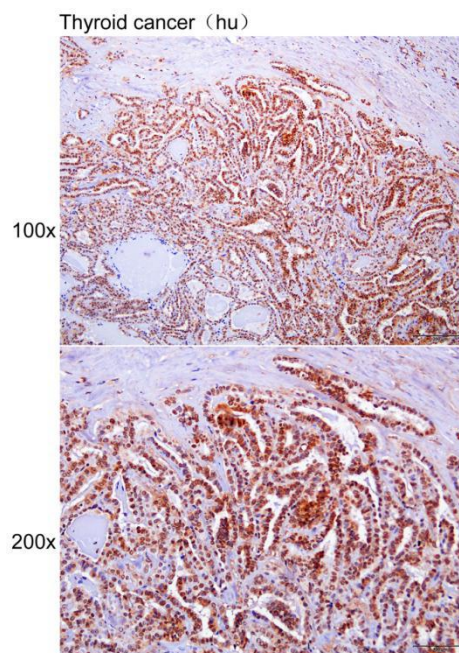
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The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X;18) translocation characteristically found in all synovial sarcomas. This translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. Chromosome Xp11 contains a segmental duplication resulting in two identical copies of synovial sarcoma, X breakpoint 4, SSX4 and SSX4B, in tail-to-tail orientation. This gene, SSX4, represents the more telomeric copy. Two transcript variants encoding distinct isoforms have been identified for this gene.

## Verified picture



Western blot analysis with SSX4 antibody diluted at 1:3000; Lane: Mouse kidney



Immunohistochemistry of paraffin-embedded Human thyroid cancer with SSX4 antibody diluted at 1:200