
Product name:	Toll Like Receptor 7 (TLR7)
Cat number:	AB-81194
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 30-230 of human TLR7.
Reactivity:	Hu, Ms,
Applications:	Immunohistochemistry: 1:100 Immunofluorescence: 1:100
Molecular Weight:	120kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	<p>The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung, placenta, and spleen, and lies in close proximity to another family member, TLR8, on chromosome X.</p>



Immunohistochemistry of paraffinembedded human thyroid cancer using TLR7 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffinembedded mouse brain using TLR7 Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF-7 cells using TLR7 antibody. Blue: DAPI for nuclear staining.